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Bulletin of the Museum of Comparative Zoölogy
AT HARVARD COLLEGE
VOL. LXXXIII

A CHECKLIST OF AFRICAN MAMMALS

BY
GLOVER M. ALLEN

CAMBRIDGE, MASS., U.S.A.
PRINTED FOR THE MUSEUM
FEBRUARY, 1939

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To the memory of
JOHN CHARLES PHILLIPS, M. D.
Sportsman, Naturalist, Author, Conservationist

His far-sighted work for the protection of
game has greatly helped to es-
tablish a wiser use of
Wildlife Resources

A CHECKLIST OF AFRICAN MAMMALS

By Glover M. Allen

Since the publication of Trouessart's Catalogus Mammalium in 1904–05, over thirty years have elapsed. In the meantime the continent of Africa has been increasingly explored and intensive collecting has been carried on in almost every considerable area. This has resulted in a vast increase in our knowledge of its mammalian fauna and often, unfortunately, in a multiplicity of names applied to supposedly distinct forms.

At the present time it may be said that the mammalian fauna of Africa is fairly well ascertained, and that the likelihood of many more really new genera or species being found is small. Nevertheless much revisionary work is yet to be done as adequate collections accumulate in the larger museums. As a first necessity in indicating what has been done and where further study is urgent, a complete checklist of the names applied to African mammals is here presented, intended to include all those currently regarded as valid as well as all synonyms through July 1938, so far as possible. It is hardly to be hoped that no names have been omitted from this catalogue, yet the compiler believes that what omissions may be detected are unimportant. So far as library resources have been available, the great majority of the references have been carefully checked with the originals and the citations of names are as originally given, with their type localities following each.

The area covered is the continent of Africa west of the Suez Canal, with the inclusion of Madagascar and the Mascarene islands, and the seas adjacent to the continent. Domesticated animals, unless feral, and the human races are purposely omitted, but with these exceptions the list includes all species known to have lived within historic times.

In citing the references, the title of the work is first given, followed by the volume, then a colon, and after that the page numbers and the date. The "type locality" follows the reference. Where there is no volume number the page reference is preceded by "p." Genera are listed alphabetically under their respective families, and the species alphabetically under their genera. Where the range is ascertained, it is briefly stated.

Considerable pains have been given to stating as exactly as possible the actual dates of publication. Where, as in the case of the Proceedings of the Zoological Society of London, the various "parts" for a given year are not issued in the same calendar year, the year for which the part is published is first given, and the actual date of issue concludes the reference. For guidance in ascertaining the dates of publication of certain works, use has been made of Sherborn's "Index" and the following special papers: —

Duncan, F. Martin

1937. On the dates of publication of the Society's "Proceedings," 1859–1926. With an appendix containing the dates of publication of "Proceedings," 1830–1858, compiled by the late F. H. Waterhouse, and of the "Transactions," 1833–1869, by the late Henry Peavot, originally published in P. Z. S. 1893, 1913. Proc. Zool. Soc. London, 107: ser. A, 71–84, Apl.

Sherborn, C. Davies

1891. On the dates of the parts, plates, and text of Schreber's "Säugthiere." Proc. Zool. Soc. London, for 1891, p. 587–592.

Sherborn, C. Davies

1897. On the dates of the natural history portion of Savigny's "Descrip. tion de l'Egypte." Proc. Zool. Soc. London, for 1897, p. 285–288.

Sherborn, C. Davies

1926. Dates of publication of early catalogues of natural history issued by the British Museum. Ann. Mag. Nat. Hist. (9) 17: 271–272, Feb.

Waterhouse, F. H.

1880. On the dates of publication of the parts of Sir Andrew Smith's "Illustrations of the Zoology of South Africa." Proc. Zool. Soc. London, for 1880, p. 489–491.
See also Jentink, F. A., Notes Leyden Mus., 15: 182, 1893.

I would express my thanks to Miss Barbara Lawrence (now Mrs. William E. Schevill), Assistant Curator of Mammals, for much help in various ways.

Class MAMMALIA

Order INSECTIVORA. Insectivores

Family MACROSCELIDIDAE. Elephant Shrews

ELEPHANTULUS Thomas and Schwann

Macroscelides A. Smith, Proc. Zool. Soc. London, for 1830, p. 11, 6 Jan. 1831, in part.

Elephantulus Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 577, 10 Oct. 1906. Genotype *Macroscelides rupestris* A. Smith.

ELEPHANTULUS CAPENSIS Roberts

Elephantulus capensis Roberts, Ann. Transvaal Mus., 10: 62, 31 Jan. 1924. Cape Province, Klaver.

ELEPHANTULUS DUNDASI Dollman

Elephantulus dundasi Dollman, Ann. Mag. Nat. Hist. (8) 5: 95, Jan. 1910. Harich near Lake Baringo, Kenya Colony.

ELEPHANTULUS EDWARDSII (A. Smith)

Macroscelides edwardsii A. Smith, Illustr. Zool. South Africa, Mamm., pl. 14, 1839. Near Oliphants River, Cape Colony.

ELEPHANTULUS FUSCIPES (Thomas)

Macroscelides fuscipes Thomas, Ann. Mag. Nat. Hist. (6) 13: 68, Jan. 1894. N'doruma, Niam-Niam country, 5° N., 27° 30′ E.

Range: Central Africa, N'doruma.

ELEPHANTULUS INTUFI INTUFI (A. Smith)

Macroscelides intufi A. Smith, Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 12, 1839. Kurrichane, Marico district, Transvaal.

ELEPHANTULUS INTUFI ALEXANDRI (Ogilby)

Macroscelides alexandri Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. Damaraland, Southwest Africa.

Elephantulus intufi alexandri Shortridge, Mamm. South West Africa, 1: 22, 1934.

Range: Southwest Africa, Damaraland.

ELEPHANTULUS INTUFI KALAHARICUS Roberts

Elephantulus intufi kalaharicus Roberts, Ann. Transvaal Mus., 15: 17, Oct. 1932. Central Kalahari, Damara Pan, Bechuanaland.

ELEPHANTULUS INTUFI MOSSAMEDENSIS Hill and Carter

Elephantulus intufi mossamedensis Hill and Carter, Amer. Mus. Novitates, no. 937, p. 1, 13 July 1937. Angola, 101 km. east of Mossamedes.

ELEPHANTULUS OCULARIS Kershaw

Elephantulus ocularis Kershaw, Ann. Mag. Nat. Hist. (9) 8: 563, Nov. 1921. Dodoma, Tanganyika Territory.

Range: Tanganyika Territory, Upper Ruaha River.

ELEPHANTULUS PEASEI (Thomas)

Macroscelides peasei Thomas, Ann. Mag. Nat. Hist. (7) 8: 154, Aug. 1901. Hoolul, Abyssinia.

ELEPHANTULUS PULCHER PULCHER (Thomas)

Macroscelides pulcher Thomas, Ann. Mag. Nat. Hist. (6) 13: 69, Jan. 1894. Usambiro, south of Victoria Nyanza.

ELEPHANTULUS PULCHER RENDILIS Lönnberg

Elephantulus pulcher rendilis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., (2) 48: no. 5, p. 49, 26 June 1912. Kenya Colony, north of Guaso Nyiro.

ELEPHANTULUS RENATUS Kershaw

Elephantulus renatus Kershaw, Ann. Mag. Nat. Hist. (9) 11: 588, May 1923. Gwao's near Itigi, Singida, about 85 miles northwest of Kilimatinde, Tanganyika Territory.

ELEPHANTULUS REVOILII (Huet)

Macroscelides revoilii Huet, Bull. Soc. Philom. Paris, (7) 5: 96, 1881. Somaliland.

ELEPHANTULUS ROZETI ROZETI (Duvernoy)

Macroscelides rozeti Duvernoy, Mém. Soc. d'Hist. Nat. Strasbourg, 1: pt. 2, art. 4, p. 1, pls. 1, 2, 1830. Near Algiers, Algeria.

Range: Northern Algeria, Oran, northern Rif.

ELEPHANTULUS ROZETI ATLANTIS Thomas

Elephantulus rozeti atlantis Thomas, Novitates Zool., 20: 587, 21 Oct. 1913. Northern slope of Great Atlas of Morocco, south of Seksawa, Aïn Moussa.

ELEPHANTULUS ROZETI CLIVORUM Thomas

Elephantulus deserti clivorum Thomas, Novitates Zool., 20: 588, 21 Oct. 1913. Plateau of eastern Algeria, Guelt-es-Stel.

Range: As above, also Matmata, southern Tunis, and Maafa, eastern Algeria.

ELEPHANTULUS ROZETI DESERTI (Thomas)
Macroscelides rozeti deserti Thomas, Ann. Mag. Nat. Hist. (7) 8: 155, Aug. 1901. Near Djebel Bourzel, Biskra, Algeria.

ELEPHANTULUS ROZETI MORATUS Thomas
Elephantulus rozeti moratus Thomas, Novitates Zool., 20: 587, 21 Oct. 1913. Djebel Chedar, about 80 kilometers southeast of Mazagan, southwestern Morocco.
Range: Southwest Morocco, also desert of Zragna.

ELEPHANTULUS RUFESCENS RUFESCENS (Peters)
Macroscelides rufescens Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 198, pl. 1, f. 3, 1878. Ndi, Kenya Colony.
Range: East Africa, Kibwezi, Uataita, Mozambique.

ELEPHANTULUS RUFESCENS BORANUS (Thomas)
Macroscelides boranus Thomas, Proc. Zool. Soc. London, for 1900, p. 802, 1 Apl. 1901. Mega, western Boran Galla, southeast of Lake Rudolf, Kenya Colony.
Range: Lake Rudolf to Guaso Nyiro, Kenya Colony.

ELEPHANTULUS RUFESCENS DELICATUS Dollman
Elephantulus delicatus Dollman, Ann. Mag. Nat. Hist. (8) 8: 652, Nov. 1911. Mt. Nyiro, Orr Valley, Kenya Colony.

ELEPHANTULUS RUFESCENS MARIAKANÆ Heller
Elephantulus rufescens mariakanæ Heller, Smithsonian Misc. Coll., 60: no. 12, p. 10, 4 Nov. 1912. Mariakani, Kenya Colony.

ELEPHANTULUS RUFESCENS PHÆUS Heller
Elephantulus phæus Heller, Smithsonian Misc. Coll., 56: no. 15, p. 8, 23 Dec. 1910. Sotik district, Njoro O Solali, Kenya Colony.

ELEPHANTULUS RUPESTRIS RUPESTRIS (A. Smith)
Macroscelides rupestris A. Smith, Proc. Zool. Soc. London, for 1830, p. 11, 6 Jan. 1831. Mountains north of Orange River, South Africa.
Macroscelides typus Lesson, Cent. Zool., p. 51, pl. 12, 1830 (not Smith).

ELEPHANTULUS RUPESTRIS JAMESONI Chubb
Elephantulus rupestris jamesoni Chubb, Ann. Transvaal Mus., 1: 181, Jan. 1909. Johannesburg, Transvaal.

ELEPHANTULUS RUPESTRIS MAPOGONENSIS Roberts
Elephantulus rupestris mapogonensis Roberts, Ann. Transvaal Mus., 5: 277, 16 May 1917. Ngelelle River, Zoutpansberg, Transvaal.

Elephantulus rupestris myurus Thomas and Schwann

Elephantulus rupestris myurus Thomas and Schwann, Proc. Zool. Soc. London, p. 586, 10 Oct. 1906. Woodbush, northeastern Transvaal.

Elephantulus somalicus (Thomas)

Macroscelides somalicus Thomas, Ann. Mag. Nat. Hist. (7) 8: 255, Sep. 1901. Arabsiyo, Somaliland.

Elephantulus vandami Roberts

Elephantulus vandami Roberts, Ann. Transvaal Mus., 10: 62, 31 Jan. 1924. Cradock, Cape Province.

Macroscelides A. Smith

Sorex Shaw, General Zoology, Mamm., 1: part 2, p. 536, 1800 (in part, not Linnaeus.

Macroscelides A. Smith, Zool. Journ., 4: 435, 1829. Genotype *Macroscelides typus* A. Smith = *Sorex proboscideus* Shaw.

Eumerus I. Geoffroy, Ann. des Sci. Nat., Zool., (1) 18: 172, Oct. 1829; publ. as Eumère, for latinization of name see Table Méthodique des Matières, of same vol., p. 470. Name published and put into synonymy at same time.

Macroscelis J. B. Fischer, Synopsis Mamm., Addenda, p. 657, 1830. Genotype not mentioned.

Rhinomys Lichtenstein, Darstell. neuer oder wenig bekannt. Säugeth. Zool. Mus. Berlin, pl. 38 and text, 1827–34. Genotype *Rhinomys jaculus* Lichtenstein = *Macroscelides proboscideus* (Shaw).

Macroscelides melanotis Ogilby

Macroscelides melanotis Ogilby, Proc. Zool. Soc. London, for 1838, p. 5, pl. 3, f. 3, July 1838. Damaraland, South Africa.

Macroscelides proboscideus proboscideus (Shaw)

Sorex proboscideus Shaw, General Zoology, Mamm., 1: part 2, 536, 1800. Cape of Good Hope.

Rhinomys jaculus Lichtenstein, Darstell. neuer oder wenig bekannt. Säugeth. Zool. Mus. Berlin, pl. 38 and text, 1827–34. East coast of South Africa.

Macroscelides typus A. Smith, Zool. Journ., 4: 436, May 1829. Interior of South Africa.

Macroscelides typicus A. Smith, Illustr. Zool. South Africa, Mamm., part 6, pl. 10, 1839.

Macroscelides proboscideus chiversi Roberts

Macroscelides proboscideus chiversi Roberts, Ann. Transvaal Mus., 15: 265, 1 Aug. 1933. 76 miles north of Upington district, Bechuanaland.

MACROSCELIDES PROBOSCIDEUS HEWITTI Roberts

Macroscelides proboscideus hewitti Roberts, Ann. Transvaal Mus., 13: 86, 6 July 1929. Cradock, Cape Colony.

MACROSCELIDES PROBOSCIDEUS LANGI Roberts

Macroscelides proboscideus langi Roberts, Ann. Transvaal Mus., 15: 265, 1 Aug. 1933. Vlermuisklip, van Rhynsdorp district, Cape Colony.

NASILIO Thomas and Schwann

Nasilio Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 578, 10 Oct. 1906. Genotype *Macroscelides brachyrhynchus* A. Smith.

Macroscelides A. Smith (in part), Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 13, 1839.

NASILIO BRACHYRHYNCHUS BRACHYRHYNCHUS (A. Smith)

Macroscelides brachyrhynchus A. Smith, Report of the Expedition for Exploring Central Africa, p. 42, 1836; Illustr. Zool. South Africa, Mamm., part 6, pl. 13, 1839. "The country between Lake Latakoo and the Tropic."

Macroscelides brevirostris Schinz, Syst. Verz. Säugethiere, 1: 284, 1844. South Africa.

Macroscelides fuscus Peters, Reise nach Mossambique, Zool., 1: Säugethiere, p. 87, pls. 19, 22, 1852. Eastern Africa.

Range: Bechuanaland, Transvaal, Rhodesia, Nyasaland, Mozambique.

NASILIO BRACHYRHYNCHUS ALBIVENTER Osgood

Nasilio brachyrhynchus albiventer Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 13, 16 Feb. 1910. Lake Elmenteita, Kenya Colony.

Range: Interior of Kenya Colony, Meru, Naivasha.

NASILIO BRACHYRHYNCHUS DELAMEREI (Thomas)

Macroscelides delamerei Thomas, Ann. Mag. Nat. Hist. (7) 8: 155, 1 Aug. 1901. Athi River, Kenya Colony.

Range: Kenya Colony, coastal region, Athi, Kapiti, and Loita Plains.

NASILIO BRACHYRHYNCHUS LANGI Roberts

Nasilio brachyrhyncha langi Roberts, Ann. Transvaal Mus., 13: 85, 6 July 1929. Portuguese Southeast Africa, lower Limpopo River, Mazambo.

NASILIO BRACHYRHYNCHUS LULUÆ Matschie

Nasilio brachyrhynchus luluæ Matschie, Zeitschr. f. Säugethierkunde, 1: 110, 24 Dec. 1926. Belgian Congo, Lulua River, near Luluaburg, Lutaba.

Nasilio brachyrhynchus mababiensis Roberts
Nasilio brachyrhynchus mababiensis Roberts, Ann. Transvaal Mus., 15: 18, Oct. 1932. Northern Bechuanaland, Tsotsoroga Pan.

Nasilio brachyrhynchus selindensis Roberts
Nasilio brachyrhyncha selindensis Roberts, Ann. Transvaal Mus., 19: 99, 8 Nov. 1937. Mt. Selinda, Southern Rhodesia.

Nasilio brachyrhynchus shortridgei Roberts
Nasilio brachyrhyncha shortridgei Roberts, Ann. Transvaal Mus., 13: 86, 6 July 1929. Ndola, Northern Rhodesia.

Nasilio brachyrhynchus tzaneenensis Roberts
Nasilio brachyrhyncha tzaneenensis Roberts, Ann. Transvaal Mus., 13: 85, 6 July 1929. Northeastern Transvaal, Tzaneen Estate.

Nasilio brachyurus Bocage
Macroscelides brachyura Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 9: 27, 1882. Caconda, Angola.
Range: Angola to Rhodesia.

Nasilio malosæ (Thomas)
Macroscelides brachyrhynchus malosæ Thomas, Proc. Zool. Soc. London, for 1897, p. 928, Apl. 1898. Mt. Malosa, Nyasaland, 1800 m.

Nasilio schinzi (Noack)
Macroscelides brachyrhynchus, var. *schinzi* Noack, Zool. Jahrb., Syst., 4: 198, 28 Feb. 1889. Ondongastamm, Ovamboland.
Range: Western Africa, Ovambo, Benguela.

Petrodromus Peters

Petrodromus Peters, Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, 1846. Genotype *Petrodromus tetradactylus* Peters.

Subgenus Petrodromus Peters

Petrodromus beiræ Roberts
Petrodromus beiræ Roberts, Ann. Transvaal Mus., 4: 69, 20 Oct. 1913. Zimbiti, Beira, Mozambique.

Petrodromus matschiei Neumann
Petrodromus matschiei Neumann, Zool. Jahrb., Syst., 13: 541, 10 Oct. 1900. Burunge and Mkigwa near Tabora, Tanganyika Territory.

PETRODROMUS ROBUSTUS Thomas

Petrodromus robustus Thomas, Ann. Mag. Nat. Hist. (9) 1: 367, May 1918. Upper Lufua River, Katanga, southern Congo Belge.

PETRODROMUS TETRADACTYLUS TETRADACTYLUS Peters

Petrodromus tetradactylus Peters, Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, pl. 3, fig. 4, 1846. Tette, southern Mozambique.

PETRODROMUS TETRADACTYLUS SWYNNERTONI Thomas

Petrodromus tetradactylus swynnertoni Thomas, Ann. Mag. Nat. Hist. (9) 1: 368, May 1918. Chirinda Forest, Melsetter, Southern Rhodesia.

PETRODROMUS TETRADACTYLUS WARRENI Thomas

Petrodromus tetradactylus warreni Thomas, Ann. Mag. Nat. Hist. (9) 1: 364, May 1918. Manguzi, northern Zululand, Natal.

PETRODROMUS TORDAYI Thomas

Petrodromus tordayi Thomas, Ann. Mag. Nat. Hist. (8) 5: 83, Jan. 1910. Misumba, Sankuru River, south-central Congo Belge.

Petrodromus tordayi tumbanus Kershaw, Revue Zool. Africaine, 11: 360, 27 Dec. 1923. Bikoro, Lake Tumba, Congo Belge.

PETRODROMUS VENUSTUS Thomas

Petrodromus venustus Thomas, Ann. Mag. Nat. Hist. (7) 12: 339, Sep. 1903. Namurive, northern Nyasaland.

Petrodromus occidentalis Roberts, Ann. Transvaal Mus., 4: 69, 20 Oct. 1913. Northwestern Rhodesia.

Range: Northwestern Rhodesia, southern Nyasaland.

Subgenus CERCOCTENUS Hollister

Cercoctenus Hollister, Smithsonian Misc. Coll., 66: 1, 10 Feb. 1916. Genotype *Petrodromus sultani* Thomas.

PETRODROMUS SCHWANNI Thomas and Wroughton

Petrodromus schwanni Thomas and Wroughton, Proc. Zool. Soc. London, p. 289, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

PETRODROMUS SULTANI SULTANI Thomas

Petrodromus sultan Thomas, Proc. Zool. Soc. London, p. 435, Oct. 1897. Mombasa, Kenya Colony. Misprint of specific name corrected to *sultani* in ibid., p. 928, Apl. 1898.

PETRODROMUS SULTANI SANGI Heller

Petrodromus sultani sangi Heller, Smithsonian Misc. Coll., 60: no. 12, p. 12, 4 Nov. 1912. Mt. Mbololo, Taita Hills, Kenya Colony.

Subgenus Mesoctenus Thomas

Mesoctenus Thomas, Ann. Mag. Nat. Hist. (9) 1: 366, May 1918. As a genus, type *Petrodromus rovumæ* Thomas.

Petrodromus nigriseta Neumann

Petrodromus nigriseta Neumann, Zool. Jahrb., Syst., 13: 541, footnote, 10 Oct. 1900. Marui and Morogoro, Usaramo, Tanganyika Territory.

Petrodromus rovumæ Thomas

Petrodromus rovumæ Thomas, Proc. Zool. Soc. London, p. 434, Oct. 1897. Rovuma River, 100 miles inland, Tanganyika Territory.

Petrodromus (*Mesoctenus*) *mossambicus* Thomas, Ann. Mag. Nat. Hist. (9) 1: 369, May 1918. Cabaceira, Mozambique.

Rhinonax Thomas. Black-and-rufous Elephant-shrews

Rhinonax Thomas, Ann. Mag. Nat. Hist. (9) 1: 370, May 1918. As a subgenus of *Rhynchocyon;* type *Rhynchocyon chrysopygus* Günther.

Rhinonax adersi (Dollman)

Rhynchocyon adersi Dollman, Ann. Mag. Nat. Hist. (8) 10: 130, July 1912. Zanzibar.

Rhinonax chrysopygus (Günther)

Rhynchocyon chrysopygus Günther, Proc. Zool. Soc. London, p. 164, pl. 14, June 1881. River Mombasa, Kenya Colony.

Range: East coast of Kenya Colony.

Rhinonax petersi petersi (Bocage)

Rhynchocyon petersi Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 7: 159, pl. 4, f. 2, Feb. 1880. "Envoyé de Zanzibar," but actually from the opposite mainland of Tanganyika Territory (see Dollman, G., Ann. Mag. Nat. Hist. (8) 10: 131, July 1912).

Rhynchocyon petersi usambaræ Neumann, Zool. Jahrb., Syst., 13: 542, 10 Oct. 1900. Usambara.

Range: Tanganyika Territory.

Rhinonax petersi fischeri (Neumann)

Rhynchocyon petersi fischeri Neumann, Zool. Jahrb., Syst., 13: 543, 10 Oct. 1900. Usegua, Tanganyika Territory.

Rhinonax petersi melanurus (Neumann)

Rhynchocyon petersi melanurus Neumann, Zool. Jahrb., Syst., 13: 542, 10 Oct. 1900. Lindi, Uluguru Mts., Tanganyika Territory.

Rhynchocyon Peters. Checkered Elephant-shrews

Rhynchocyon Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 36, 1847. Genotype *Rhynchocyon cirnei* Peters.

Rhynchocyon cirnei Peters

Rhynchocyon cirnei Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 37, pl. 4, f. 1, 1847. Quellimane, Bororo district, Mozambique.

Rhynchocyon claudi Thomas and Wroughton

Rhynchocyon claudi Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 370, May 1907. Beritio, Uele River, Congo Belge.

Rhynchocyon hendersoni Thomas

Rhynchocyon hendersoni Thomas, Ann. Mag. Nat. Hist. (7) 10: 403, Nov. 1902. Plateau west of Lake Naivasha, Kenya Colony.

Rhynchocyon macrurus Günther

Rhynchocyon macrurus Günther, Proc. Zool. Soc. London, p. 163, June 1881. Rovuma River, 8° S., Tanganyika Territory.

Range: Rovuma River to east of Lake Nyasa.

Rhynchocyon reichardi Reichenow

Rhynchocyon reichardi Reichenow, Zool. Anzeiger, 9: 316, 17 May 1886. Marungu, southeastern Congo Belge.

Rhynchocyon stuhlmanni stuhlmanni Matschie

Rhynchocyon stuhlmanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 66, 1893. Ruanda, Semliki River, northeastern Congo Belge.

Rhynchocyon stuhlmanni nudicaudatus Lydekker

Rhynchocyon stuhlmanni nudicaudata Lydekker, Proc. Zool. Soc. London, for 1906, p. 995, Apr. 1907. Ituri Forest, Congo Belge.

Rhynchocyon swynnertoni Kershaw

Rhynchocyon swynnertoni Kershaw, Ann. Mag. Nat. Hist. (9) 11: 587, May 1923. Kipera, Kilosa, Tanganyika Territory.

Family CHRYSOCHLORIDÆ. Golden Moles

Broom (1916) believes the golden moles are not Insectivora, but should stand as a separate order, Chrysochloroidea Dobson.

Amblysomus Pomel

Subgenus Amblysomus Pomel

Amblysomus Pomel, Arch. des Sci. Phys. et Nat., Génève, 9: 244, 1848. Genotype *Chrysochloris hottentotus* A. Smith.

Calcochloris Mivart, Journ. Anat. and Phys., 2 (= ser. 2, vol. 1): 133, 1868. Genotype *Chrysochloris obtusirostris* Peters.

Amblysomus corriæ corriæ Thomas

Amblysomus corriæ Thomas, Abstr. Proc. Zool. Soc. London, no. 20, p. 5, 23 May 1905; Proc. Zool. Soc. London, 2: 57, 7 Oct. 1905. Knysna, southern Cape Colony.

Amblysomus corriæ septentrionalis Roberts

Amblysomus corriæ septentrionalis Roberts, Ann. Transvaal Mus., 4: 73, 20 Oct. 1913. Wakkerstroom, Transvaal.

Amblysomus hottentotus hottentotus (A. Smith)

Talpa rufa Shaw, General Zool., 1: pt. 2, p. 522, 1800. Said to be "America," but perhaps refers to this species.

Chrysochloris hottentotus A. Smith, Zool. Journ., 4: 436, May 1829. "Interior parts of South Africa."

Chrysochloris holosericea Lichtenstein, Darstellung neue oder wenig bek. Säugeth., pl. 41, f. 2, and text, 1834. Interior of Cape Colony, on the borders of "Kafferland."

Chrysochloris affinis Wagner, Schreber's Säugthiere, Suppl., 2: 123, footnote, 1844. No locality.

Chrysochloris rutilans Wagner, Schreber's Säugthiere, Suppl., 2: 125, 1844. "Kafferlande."

Amblysomus hottentotus albifrons (Broom)

Chrysochloris hottentota albifrons Broom, Trans. South African Philos. Soc., 18: 302, 24 Dec. 1907. Howick, Natal.

Amblysomus hottentotus albirostris (Wagner)

Chrysochloris albirostris Wagner, Schreber's Säugthiere, Suppl., 2: 124, 1841. "Kaffernland." "May prove to be distinct" (Thomas and Schwann). A subsp. of *hottentota* according to Broom, Ann. Transvaal Mus., 1: 15, 1908.

Amblysomus hottentottus pondoliæ Thomas and Schwann, Proc. Zool. Soc. London, 1: 260, 10 Aug. 1905. Notinsila, western Pondoland, Cape Colony.

AMBLYSOMUS HOTTENTOTUS GARNERI Roberts

Amblysomus hottentottus garneri Roberts, Ann. Transvaal Mus., 5: 278, 16 May 1917. Commissioner's residence, Piggs Peak, Swaziland, Transvaal.

AMBLYSOMUS HOTTENTOTUS IRIS Thomas and Schwann

Amblysomus iris Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apl. 1905; Proc. Zool. Soc. London, 1: 259, pl. 16, f. 1, 10 Aug. 1905. Umvolosi Station, Zululand, Natal.

AMBLYSOMUS HOTTENTOTUS LONGICEPS (Broom)

Chrysochloris hottentota longiceps Broom, Trans. South African Philos. Soc., 18: 299, 24 Dec. 1907. Near Pietermaritzburg, Natal.

AMBLYSOMUS MARLEYI Roberts

Amblysomus marleyi Roberts, Ann. Transvaal Mus., 14: 225, 28 July 1931. Ubombo, Zululand, Natal.

Subgenus CHRYSOTRICHA Broom

Chrysotricha Broom, Trans. South African Philos. Soc., 18: 303, 24 Dec. 1907. As a subgenus of *Chrysochloris*, type *Chrysochloris obtusirostris* Peters; raised to generic rank by Roberts, Ann. Transvaal Mus., 18: 225, 21 Feb. 1936.

AMBLYSOMUS OBTUSIROSTRIS OBTUSIROSTRIS (Peters)

Chrysochloris obtusirostris Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 467, 1851; Reise nach Mossambique, Säugeth., p. 70, pl. 18, f. 1; pl. 22, f. 18–23, 1852. Inhambane, Portuguese East Africa, lat. 24° S.

AMBLYSOMUS OBTUSIROSTRIS CHRYSILLUS Thomas and Schwann

Amblysomus chrysillus Thomas and Schwann, Proc. Zool. Soc. London, 1: 261, pl. 16, f. 2, 10 Aug. 1905. Delagoa Bay, Portuguese East Africa.

Chrysotricha obtusirostris chrysilla Roberts, Ann. Transvaal Mus., 18: 225, 21 Feb. 1936.

BEMATISCUS Cope

Bematiscus Cope, Amer. Naturalist, 26: 127, footnote, Feb. 1892. Genotype, *Chrysochloris villosus* A. Smith, see Thomas, Proc. Zool. Soc. London, 1: 259, 1905.

Bematiscus rufopallidus Roberts

Bematiscus rufopallidus Roberts, Ann. Transvaal Mus., 10: 65, 31 Jan. 1924. Wakkerstroom, Transvaal.

Bematiscus transvaalensis transvaalensis Broom

Bematiscus transvaalensis Broom, Abstr. Proc. Zool. Soc. London, no. 121, p. 25, 13 May 1913; Proc. Zool. Soc. London, p. 546, 1 Sep. 1913. Springs, Transvaal.

Bematiscus transvaalensis pratensis (Roberts)

Chrysospalax pratensis Roberts, Ann. Transvaal Mus., 4: 74, 20 Oct. 1913. Pretoria, Transvaal.

A subspecies of *B. transvaalensis* ?, see Roberts, Ann. Transvaal Mus., 10: 65, 31 Jan. 1924.

Bematiscus villosus (A. Smith)

Chrysochloris villosus A. Smith, South African Quart. Journ., 2: 81, 1833; Illustr. Zool. South Afr., Mamm., pl. 9 and text, 1839. "Towards Natal."

Chlorotalpa Roberts

Chlorotalpa Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924. Genotype *Chrysochloris duthiæ* Broom.

Chlorotalpa duthieæ (Broom)

Chrysochloris duthieæ Broom, Trans. South African Philos. Soc., 18: 292, 24 Dec. 1907. Knysna, Cape Colony.

Chlorotalpa fosteri St. Leger

Chlorotalpa fosteri St. Leger, Ann. Mag. Nat. Hist. (10) 8: 605, Dec. 1931. Mt. Elgon, Uganda, 9300 feet.

Chlorotalpa guillarmodi Roberts

Chlorotalpa guillarmodi Roberts, Ann. Transvaal Mus., 18: 253, 21 Feb. 1936. Mamathes, northwestern Basutoland.

Chlorotalpa montana Roberts

Chlorotalpa montana Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924. Kastrol Nek, east of Wakkerstroom, Transvaal, 6500 feet.

Chlorotalpa stuhlmanni (Matschie)

Chrysochloris stuhlmanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 123, 1894. Ukonjo and Kinyawanga, Ruwenzori region, Uganda.

CHLOROTALPA TROPICALIS G. M. Allen and Loveridge

Chlorotalpa tropicalis G. M. Allen and Loveridge, Proc. Boston Soc. Nat. Hist., 38: 418, Dec. 1927. Bagilo, Uluguru Mountains, Tanganyika Territory, 6000 feet.

CHRYSOCHLORIS Lacépède

Subgenus CHRYSOCHLORIS Lacépède

Chrysochloris Lacépède, Tabl. des Mamm., p. 7, 1799; Buffon's Hist. Nat., Quadrupèdes, Didot ed., 14: 158, 1799. Genotype: included *C. capensis* and *C. rubra*, hence is *Talpa asiatica* Linnæus.

Talpa, *Sorex*, in part, of older authors.

CHRYSOCHLORIS ASIATICA (Linnæus)

Talpa asiatica Linnæus, Syst. Nat., ed. 10, 1: 53, 1758. "In Sibiria."

Talpa aurea Pallas, in Schreber's Säugthiere, 3: 562, 1777. Cape of Good Hope; a substitute name for *asiatica* since the animal is not Asiatic.

Talpa inaurata Pallas, in Schreber's Säugthiere, pl. 157, 1777. Cape of Good Hope. In the text (3: 562) this plate is referred to *Talpa aurea*, of which the name becomes therefore a synonym.

Sorex auratus Vosmaer, Beschreibung Groeng. Mol., fig., 1787.

Chrysochloris rubra Lacépède and Daudin, in Lacépède's Tabl. des Mamm., p. 7, 1799. Cape of Good Hope.

Chrysochloris capensis Lacépède and Daudin, in Lacépède's Tabl. des Mamm., p. 7, 1799. Cape of Good Hope.

CHRYSOCHLORIS BAYONI de Beaux

Chrysochloris bayoni de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 60: 236, Sep. 1921. Robben Island, Cape Colony.

CHRYSOCHLORIS CONGICUS Thomas

Chrysochloris congicus Thomas, Ann. Mag. Nat. Hist. (8) 5: 84, Jan. 1910. Lusambo, upper Sankuru River, south-central Congo Belge.

CHRYSOCHLORIS DAMARENSIS Ogilby

Chrysochloris damarensis Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. Damaraland, Southwest Africa.

CHRYSOCHLORIS LEUCORHINA LEUCORHINA Huet

Chrysochloris leucorhina Huet, Nouv. Arch. Mus. d'Hist. Nat., Paris, (2) 8: 8, pl. 1, 1885. Coast of the Gulf of Guinea.

CHRYSOCHLORIS LEUCORHINA CAHNI Schwarz and Mertens

Chrysochloris leucorhina cahni Schwarz and Mertens, Senckenbergiana, 4: 151, 30 Nov. 1922. Molundu, Ja River, southeastern Cameroons.

Chrysochloris minor Roberts
Chrysochloris minor Roberts, Ann. Transvaal Mus., 6: 113, Apl. 1919. Klaver, on Olifants River, Cape Province.

Chrysochloris namaquensis Broom
Chrysochloris namaquensis Broom, Ann. Mag. Nat. Hist. (7) 19: 266, Mar. 1907. Garies, Namaqualand, Southwest Africa.

Chrysochloris sclateri Broom
Chrysochloris sclateri Broom, Ann. Mag. Nat. Hist. (7) 19: 263, Mar. 1907. Beaufort West, Cape Colony.

Chrysochloris tenuis Broom
Chrysochloris tenuis Broom, Ann. Mag. Nat. Hist. (7) 19: 267, Mar. 1907. Garies, Namaqualand, Southwest Africa.

Chrysochloris vermiculus Thomas
Chrysochloris vermiculus Thomas, Ann. Mag. Nat. Hist. (8) 5: 84, Jan. 1910. Yambuya, Aruwimi River, Congo Belge.

Chrysochloris wintoni Broom
Chrysochloris wintoni Broom, Ann. Mag. Nat. Hist. (7) 19: 264, Mar. 1907. Port Nolloth, Cape Colony.

Chrysospalax Gill

Chrysospalax Gill, Standard Nat. Hist., 5 (Mammalia): 137, 26 Dec. 1883. As a subgenus; type *Chrysochloris trevelyani* Günther. See Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924.

Chrysospalax dobsoni (Broom)
Bematiscus dobsoni Broom, Proc. Zool. Soc. London, p. 190, 18 Aug. 1918. Maritzburg, Natal.

Chrysospalax leschæ (Broom)
Bematiscus leschæ Broom, Proc. Zool. Soc. London, p. 189, 18 Aug. 1918. Isolo, Cape Colony.

Chrysospalax trevelyani (Günther)
Chrysochloris trevelyani Günther, Proc. Zool. Soc. London, p. 311, Aug. 1875. Pirie forest, near King William's Town, Cape Province.

Eremitalpa Roberts

Eremitalpa Roberts, Ann. Transvaal Mus., 10: 63, 31 Jan. 1924. Genotype *Chrysochloris granti* Broom.

EREMITALPA GRANTI (Broom)
Chrysochloris granti Broom, Ann. Mag. Nat. Hist. (7) 19: 265, Mar. 1907. Garies, Namaqualand, Southwest Africa.
For Claud H. B. Grant.

NEAMBLYSOMUS Roberts

Neamblysomus Roberts, Ann. Transvaal Mus., 10: 64, 31 Jan. 1924. Genotype *Chrysochloris gunningi* Broom.

NEAMBLYSOMUS GUNNINGI (Broom)
Chrysochloris gunningi Broom, Ann. Transvaal Mus., 1: 14, Apl. 1908. Woodbrush Hill, Zoutpansberg, Transvaal.
For Dr. J. W. B. Gunning, Director of Transvaal Mus.

Family ERINACEIDÆ. Hedgehogs

See Thomas, O. The generic division of the Hedgehogs. Ann. Mag. Nat. Hist. (9) 1: 193–196, Feb. 1918. Cabrera, A. Genera Mammalium. Insectivora, Galeopithecia, 1925.

ÆTHECHINUS Thomas. Four-toed Hedgehogs

Æthechinus Thomas, Ann. Mag. Nat. Hist. (9) 1: 194, Feb. 1918. Genotype *Erinaceus algirus* Duvernoy and Lereboullet.
Erinaceus A. Smith, South African Quart. Journ., p. 10, 1831 (in part).

ÆTHECHINUS ALGIRUS ALGIRUS (Duvernoy and Lereboullet)
Erinaceus algirus Duvernoy and Lereboullet, Mém. Soc. Mus. d'Hist. Nat. Strasbourg, 3: art. QQ, 4, 1840. Oran, Algeria.
Erinaceus fallax Dobson, Monogr. Insectivora, 1: 9, 1882.
Range: Mogador to Tripoli.

ÆTHECHINUS ALGIRUS CANICULUS (Thomas)
Erinaceus algirus caniculus Thomas, Ann. Mag. Nat. Hist. (8) 16: 152, Aug. 1915. Toston, Fuerte-ventura, Canary Islands.
Erinaceus krugi Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 78, 1877. Locality unknown, probably West Africa or southern Europe (type specimen killed in Mayaguez, Porto Rico).

ÆTHECHINUS ALGIRUS LAVAUDENI Cabrera
Æthechinus algirus lavaudeni Cabrera, Bol. Real Soc. Españ. Hist. Nat., Madrid, 28: 454, 30 Nov. 1928. Mogador, Morocco.

Erinaceus diadematus Dobson, Monogr. Insectivora, 1: 10, 1882 (part, not Fitzinger).

Range: Southern Morocco.

Named for Louis Lavauden, chief of the Forest Service of Madagascar, in recognition of his interest in mammals of No. Africa.

ÆTHECHINUS FRONTALIS FRONTALIS (A. Smith)

Erinaceus frontalis A. Smith, South African Quart. Journ., 2: 10, 29, 1831. Cape Colony.

Erinaceus capensis A. Smith, Philos. Mag., 9: 61, 1831 (nomen nudum).

Erinaceus fractilis Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 79, 1877 (lapsus for *frontalis*).

ÆTHECHINUS FRONTALIS ANGOLÆ Thomas

Æthechinus angolæ Thomas, Ann. Mag. Nat. Hist. (9) 1: 230, Mar. 1918. Benguella, Angola.

Æthechinus frontalis angolæ Thomas, Proc. Zool. Soc. London, p. 290, 29 Apl. 1926.

ÆTHECHINUS SCLATERI (Anderson)

Erinaceus sclateri Anderson, Proc. Zool. Soc. London, p. 415, fig., Oct. 1895. Somaliland.

ATELERIX Pomel

Atelerix Pomel, Arch. des Sci. Phys. et Nat. Génève, 9: 251, 1848. Genotype *Erinaceus albiventris* Wagner; type fixed by Thomas (Ann. Mag. Nat. Hist. (9) 1: 195, Feb. 1918).

Erinaceus Wagner, Schreber's Säugthiere, Suppl., 2: 22, 1841 (in part, not of Linnæus).

Peroëchinus Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 565, 1866; 56: sect. 1, p. 856, 1867. Genotype *Erinaceus pruneri* Wagner.

ATELERIX ALBIVENTRIS (Wagner)

E[rinaceus] albiventris Wagner, Schreber's Säugthiere, Suppl., 2: 22, 1841. Locality unknown, but doubtless Senegambia. Regarded as unidentifiable by J. A. Allen (Bull. Amer. Mus. Nat. Hist., 47: 8, 1922) but see Allen, G.M., Journ. Mammalogy, 17: 62, Feb. 1936.

Erinaceus adansoni Rochebrune, Bull. Soc. Philom. Paris, (7) 7: 7, 1883. "Saint-Louis, Pointe de Barbarie, Cap Vert, Joalles, etc."

Range: Senegambia.

ATELERIX PRUNERI PRUNERI (Wagner)

E[rinaceus] pruneri Wagner, Schreber's Säugthiere, Suppl., 2: 23, 1841. Upper Nile, taken as Sennaar, where Pruner travelled.

Erinaceus heterodactylus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 227, 1842. Bahr-el-Abiad, Sennaar.

Erinaceus diadematus Fitzinger, Sitzb. K. Akad. Wiss. Wien, 56: sect. 1, p. 853, 1867. Sennaar and Kordofan.

ATELERIX PRUNERI ATRATUS (Rhoads)

Erinaceus albiventris atratus Rhoads, Proc. Acad. Nat. Sci., Philadelphia, p. 544, 8 Dec. 1896. Lake Rudolf, Ngare Nocbor, Abyssinia.

ATELERIX PRUNERI HINDEI (Thomas)

Erinaceus hindei Thomas, Ann. Mag. Nat. Hist. (8) 5, 193, Feb. 1910. Kitui, Kenya Colony, 3500 feet.

Erinaceus sotikæ Heller, Smithsonian Misc. Coll., 56: no. 15, p. 1, 23 Dec. 1910. Southern Guaso Nyiro, Sotik District, Kenya Colony.

ATELERIX PRUNERI KILIMANUS Thomas

Atelerix kilimanus Thomas, Ann. Mag. Nat. Hist. (9) 1: 232, Mar. 1918. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 5300 feet.

ATELERIX FARADJIUS J. A. Allen

Atelerix faradjius J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 13, 20 July 1922. Faradje, northeastern Congo Belge.

ATELERIX LANGI J. A. Allen

Atelerix langi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 15, 20 July 1922. Faradje, northeastern Congo Belge.

ATELERIX SPICULUS (Thomas and Wroughton)

Erinaceus spiculus Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 371, May 1907. Maifoni, near Lake Chad, Nigeria.

ATELERIX SPINIFEX Thomas

Atelerix spinifex Thomas, Ann. Mag. Nat. Hist. (9) 1: 231, Mar. 1918. Illela, Nigeria, 95 miles north of Sokoto.

HEMIECHINUS Fitzinger. Long-eared Hedgehogs

Hemiechinus Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, 565, 1866. Genotype *Erinaceus platyotis* Sundevall = *E. libycus* Hemprich and Ehrenberg. Included five species, without selection of genotype.

Ericius Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 223, 1842 (not Tilesius, 1813). Included seven species; no type designated.

Erinaceus (in part), Pallas, Nov. Comment. Acad. Petrop., 14: 593, 1770 (not Linnæus).

Hemiechinus libycus (Hemprich and Ehrenberg)

Erinaceus auritus Geoffroy and Audouin, Descrip. de l'Egypte, 2: 737, pl. 5, f. 3, 1829 (not of Pallas). Borders of the Egyptian desert.

Erinaceus libycus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, sheet k, footnote, Sep. 1832. Libyan desert, near Alexandria, Egypt.

Ericius platyotis Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1841, p. 232, 1842. Egypt.

Erinaceus ægyptius Rüppell, Mus. Senckenberg., 3: 159, 1842. Egypt. (Name based on Geoffroy, Descr. de l'Egypte, Mamm.).

Paraechinus Trouessart

Paraechinus Trouessart, Rev. et Mag. de Zool., (3) 7: 242, 1879. Genotype *Erinaceus micropus* Blyth.

Macroechinus Satunin, Annuaire Mus. Zool. Acad. Imp. Sci., St. Pétersbourg, 11: 189, Mar. 1907. Genotypes *Erinaceus hypomelanus* Brandt and *E. macracanthus* Blanford, of Asia.

Paraechinus æthiopicus (Hemprich and Ehrenberg)

Erinaceus æthiopicus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, sheet k, footnote, Sep. 1832. Deserts of Dongola, Anglo-Egyptian Sudan.

Erinaceus senaariensis Hedenborg, Oken's Isis, p. 8, 1839.

[*Erinaceus*] *brachydactylus* Wagner, Schreber's Säugthiere, Suppl., 2: 24, 1841. Egypt.

Paraechinus æthiopicus Cabrera, Genera Mamm., Insectivora, Galeopithecia, p. 70, pl. 7, fig. 4, 1925.

Hemiechinus pallidus Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 565, 1866 (nomen nudun); 56: sect. 1, p. 866, 1867. Sennaar.

Paraechinus deserti deserti (Loche)

Erinaceus deserti Loche, Cat. Mamm. et Oiseaux Algérie, p. 20, 1858. Exploration Sci. de l'Algérie, Zool., Mammifères, p. 93, 1867. Southern Sahara, in the oasis of the Beni-Mzab, Ouargla, and Tuggurt.

Paraechinus deserti blancalis Thomas

Paraechinus deserti blancalis Thomas, Ann. Mag. Nat. Hist. (9) 8: 570, Nov. 1921. Island of Djerba, southeastern Tunis.

Family TENRECIDÆ. Tenrecs

Cryptogale G. Grandidier

Cryptogale G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 64, 1928. Genotype *Cryptogale australis* G. Grandidier.

Cryptogale australis G. Grandidier

Cryptogale australis G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 64, 1928. Grotte d'Andrahomana, south of Fort Dauphin, Madagascar.

Dasogale G. Grandidier

Dasogale G. Grandidier, Bull. Acad. Malgache, for 1928, p. 85, 1930. Genotype *Dasogale fontoynonti* G. Grandidier.

Dasogale fontoynonti G. Grandidier.

Dasogale fontoynonti G. Grandidier, Bull. Acad. Malgache, for 1928, p. 85, 2 pls., 5 text-f., 1930. Forests of eastern Madagascar.

Echinops Martin

Echinops Martin, Proc. Zool. Soc. London, p. 17, July 1838. Genotype *Echinops telfairi* Martin.

Echinogale Wagner, Schreber's Säugth., Suppl., 2: iii, 29, 1841 (misprinted *Eghinogale* on p. 29). Genotype *Echinops telfairi* Martin.

Echinops telfairi telfairi Martin

Echinops telfairi Martin, Proc. Zool. Soc. London, p. 17, July 1838. Madagascar.

Setiger setosus Jentink, Notes Leyden Mus., 1: 142, July 1879 (in part, not Schreber).

Echinops miwarti A. Grandidier, Rev. et Mag. de Zool. (2) 21: 338, Sep. 1869. Tulear, Madagascar.

Echinops telfairi nigrescens (Petit)

Ericulus (*Echinops*) *telfairi nigrescens* Petit, Faune d. Colonies Françaises, Paris, 4: no. 5, pp. 570, 575, 1931. Southwest coast of Madagascar, Morombé to Androka.

Echinops telfairi pallescens Thomas

Echinops telfairi pallescens Thomas, Proc. Zool. Soc. London, p. 501, Oct. 1892. Manumbu, southern Madagascar.

Hemicentetes Mivart

Hemicentetes Mivart, Proc. Zool. Soc. London, p. 72, June 1871. Genotype *Erinaceus madagascariensis* Shaw.

Erinaceus Schreber, Säugth., 3: pl. 166, 1777 (in part).

Setiger E. Geoffroy, Catal. Mamm. Mus. d'Hist. Nat., Paris, p. 72, 1803 (in part).

Centenes G. Cuvier, Règne Anim., ed. 1, 1: 136, 1817 (in part).

Centetes Schinz and Brodtmann (not Illiger), Naturg. Abbild. Säugth., pl. 26, 1827.

Ericius Giebel, Zeitschr. Ges. Naturw., 37: 57, 1871 (not Tilesius 1813; not Sundevall 1841).

Echinodes Pomel, Arch. des Sci. Phys. et Nat., Genève, 9: 251, 1848 (nomen nudum).

Hemicentetes nigriceps Günther

Hemicentetes nigriceps Günther, Ann. Mag. Nat. Hist. (4) 16: 125, Aug. 1875. Fienerentova, Madagascar.

Hemicentetes variegatus, var. *buffoni* Jentink, Notes Leyden Mus., 1: 150, July 1879. Madagascar.

Hemicentetes semispinosus (G. Cuvier)

Ericulus semispinosus Cuvier, Tabl. Élém. d'Hist. Nat., p. 108, 1798. Madagascar.

Erinaceus ecaudatus Schreber, Säugth., 3: 584, 590, pl. 165*, 1777. Madagascar.

Erinaceus madagascariensis Shaw, General Zool., Mamm., 1: pt. 2, p. 548, 1800 (not Zimmermann). Madagascar.

Hemicentetes semispinosus variegatus E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 72, 1803.

Leptogale Thomas

Leptogale Thomas, Ann. Mag. Nat. Hist. (9) 1: 306, Apr. 1918. Genotype *Oryzoryctes gracilis* Major.

Oryzoryctes Major, Ann. Mag. Nat. Hist. (6) 18, 321, Oct. 1896 (in part, not Grandidier).

Leptogale gracilis (Major)

Oryzoryctes gracilis Major, Ann. Mag. Nat. Hist. (6) 18: 321, Oct. 1896. Madagascar, Ambohimitombo Forest.

Limnogale Major

Limnogale Major, Ann. Mag. Nat. Hist. (6) 18: 318, Oct. 1896. Genotype *Limnogale mergulus* Major.

LIMNOGALE MERGULUS Major

Limnogale mergulus Major, Ann. Mag. Nat. Hist. (6) 18: 319, Oct. 1896. Imasindrary, Betsileo, Madagascar.

MICROGALE Thomas

Microgale Thomas, Journ. Linn. Soc. London, zool., 16: 319, 1882. Genotype *Microgale longicaudata* Thomas.

On the grouping of the described forms of the genus, see Grandidier, G., Bull. Mus. National d'Hist. Nat. Paris (2) 6: 477, Nov. 1934.

MICROGALE BREVICAUDATA G. Grandidier

Microgale brevicaudata G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, 5: 349, 1899. Mahanara, northeastern Madagascar.

MICROGALE COWANI Thomas

Microgale cowani Thomas, Journ. Linn. Soc. London, zool., 16: 320, 1882. East Betsileo, Ankáfana Forest, Madagascar.

MICROGALE CRASSIPES Milne-Edwards

Microgale crassipes Milne-Edwards, Ann. des Sci. Nat., zool. (7) 15: 98, 1893. Tananarive, Madagascar.

MICROGALE DROUHARDI G. Grandidier

Microgale drouhardi G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 6: 474, 1934. Diego-Suarez, northern Madagascar.

MICROGALE LONGICAUDATA Thomas

Microgale longicaudata Thomas, Journ. Linn. Soc. London, zool., 16: 320, 1882. East Betsileo, Ankáfana Forest, Madagascar.

MICROGALE LONGIROSTRIS Major

Microgale longirostris Major, Ann. Mag. Nat. Hist. (6) 18: 321, Oct. 1896. Madagascar.

Microgale cowani nigrescens Elliot, Proc. Biol. Soc. Washington, 18: 237, 9 Dec. 1905. Madagascar.

MICROGALE MAJORI Thomas

Microgale majori Thomas, Ann. Mag. Nat. Hist. (9) 1: 305, Apr. 1918. East Betsileo, Ankáfana Forest, Madagascar.

MICROGALE PARVULA G. Grandidier

Microgale parvula G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 6: 476, 1934. Diego-Suarez, northern Madagascar.

Microgale principula Thomas

Microgale principula Thomas, Ann. Mag. Nat. Hist. (9) 17: 251, Feb. 1926. Midongy-du-Sud, southeastern Madagascar.

Microgale prolixacaudata G. Grandidier

Microgale prolixacaudata G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 9: 348, ff. 2, 4, 6, Nov. 1937. Diego-Suarez region, extreme northern Madagascar.

Microgale pusilla Forsyth Major

Microgale pusilla Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896. Forest of the Independent Tanala of Ikongo, near Vinanitelo, Madagascar; also subfossil in Children's Cave, near Sirabé.

Microgale sorella Thomas

Microgale sorella Thomas, Ann. Mag. Nat. Hist. (9) 17: 252, Feb. 1926. Beforona Forest, inland of Andevorante, eastern Madagascar.

Microgale taiva Forsyth Major

Microgale taiva Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 461, Dec. 1896. Ambohimitombo forest, Tanala country, Madagascar.

Microgale thomasi Major

Microgale thomasi Major, Ann. Mag. Nat. Hist. (6) 18: 320, Oct. 1896. Ampitambé Forest, northeastern Betsileo, Madagascar.

Nesogale Thomas

Nesogale Thomas, Ann. Mag. Nat. Hist. (9) 1: 303, Apr. 1918. Genotype *Microgale dobsoni* Thomas.

Microgale Thomas, Ann. Mag. Nat. Hist. (5) 14: 337, Nov. 1884 (in part).

Nesogale dobsoni (Thomas)

Microgale dobsoni Thomas, Ann. Mag. Nat. Hist. (5) 14: 337, Nov. 1884. Nandésen Forest, central Betsileo, Madagascar.

Nesogale talazaci (Major)

Microgale talazaci Major, Ann. Mag. Nat. Hist. (6) 18: 320, Oct. 1896. Forest of the Independent Tanala of Ikongo, near Vinanitelo, one day's journey south of Fianarantsoa, southern Betsileo, Madagascar.

Nesoryctes Thomas

Oryzorictes Milne-Edwards and A. Grandidier, Le Naturaliste, 4: 55, 1 Apl. 1882 (not Grandidier).

Nesoryctes Thomas, Ann. Mag. Nat. Hist. (9) 1: 307, Apr. 1918. Genotype *Oryzoryctes tetradactylus* Milne-Edwards and A. Grandidier.

NESORYCTES TETRADACTYLUS (Milne-Edwards and A. Grandidier)
Oryzorictes tetradactylus Milne-Edwards and A. Grandidier, Le Naturaliste, 4: 55, 1 Apl. 1882. Ampitambé, Sirabé, Imerina, Madagascar.
Oryzoryctes niger Major, Ann. Mag. Nat. Hist. (6) 18: 322, Oct. 1896. Marshes near Sirabé, Ampitambé, Madagascar.

ORYZORICTES A. Grandidier

Oryzorictes A. Grandidier, Rev. et Mag. de Zool. (2) 22: 50, 1870. Genotype *Oryzorictes hova* A. Grandidier.
Oryzoryctes Trouessart, Rev. et Mag. de Zool. (3) 7: 275, 1879.

ORYZORICTES HOVA A. Grandidier
Oryzorictes hova A. Grandidier, Rev. et Mag. de Zool. (2) 22: 50, 1870. Ankaye and Antsianak, Madagascar.

ORYZORICTES TALPOIDES G. Grandidier and Petit
Oryzoryctes talpoides G. Grandidier and Petit, Bull. Mus. d'Hist. Nat. Paris, (2) 2: 498, June 1930. Rizières de Marovoay, Province de Majunga, Madagascar.

PARAMICROGALE G. Grandidier and Petit

Paramicrogale G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 127, 15 June 1931. Genotype *Paramicrogale occidentalis* G. Grandidier and Petit.

PARAMICROGALE DECARYI (G. Grandidier)
Microgale decaryi G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 34: 69, 1928. Grotte d'Andrahomana, south of Fort-Dauphin, Madagascar.
Paramicrogale decaryi G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 138, 15 June 1931.

PARAMICROGALE OCCIDENTALIS G. Grandidier and Petit
Paramicrogale occidentalis G. Grandidier and Petit, Bull. Soc. Zool. de France, 56: 129, 3 text-f., 15 June 1931. Region of Maintirano, Madagascar.

SETIFER Froriep. Madagascan Hedgehog

Erinaceus Schreber, Säugth., 3: 583, 1777 (in part).
Setiger E. Geoffroy, Catal. Mamm. Mus. National d'Hist. Nat., Paris, p. 72, 1803 (in part).
Setifer Froriep, in Duméril, Analit. Zool. mit Zusatzen, p. 15, 1806. Genotype *Erinaceus setosus* Schreber.
Centetes Illiger, Prodr. Syst. Mamm. et Avium, p. 124, 1811 (in part).
Centenes Cuvier, Régne Anim., ed. 1, 1: 136, 1817 (in part).
Ericulus I. Geoffroy, Ann. des Sci. Nat., zool. (2) 8: 60, 1837. No type designated.

SETIFER SETOSUS (Schreber)

Erinaceus setosus Schreber, Säugth., 3: 583, 590, pl. 164, 1777. Madagascar.

Erinaceus acanthurus Boddært, Elenchus Anim., p. 129, 1785. Madagascar.

Centenes spinosus Desmarest, Encyclop. Méthodique, Mammalogie, 1: 162, 1820. Madagascar.

Ericulus nigrescens I. Geoffroy, Mag. de Zool., Mammifères, (2) 1: 29, 32, pl. 3, 4, 1839. Madagascar.

Ericulus nigricans Bartlett, Proc. Zool. Soc. London, p. 64, June 1875 (nomen nudum).

Setifer madagascariensis Zimmermann, Specimen Zool., p. 503, 1777 (in part).

TENREC Lacépède. The Tenrec

Tenrec Lacépède, Tabl. Mamm., p. 7, 1799. Genotype *Erinaceus ecaudatus* Schreber.

Tenrecus Desmarest, Encyclop. Méthodique, Mammalogie, 1: 161, 1820 (in synonymy).

TENREC ECAUDATUS (Schreber)

Erinaceus ecaudatus Schreber, Säugth., 3: 584, pl. 165, 1777. Madagascar.

Tenrec madagascariensis Zimmermann, Specimen Zool., p. 503, 1777 (in part).

Erinaceus tendrec Borowski, Gemeinnüzzige Naturgesch. d. Thierreichs, (Berlin), 1: pt. 2, 98, 1780. East Indies and Madagascar. "It does not seem possible to identify the animal" (Kellogg, R., Proc. Biol. Soc. Washington, 45: 147, 9 Sep. 1932).

Erinaceus tanrec Boddært, Elenchus Anim., p. 129, 1785.

Centetes armatus I. Geoffroy, Ann. des Sci. Nat., zool., (2) 8: 60, 1837. Madagascar.

Range: Comoros, Nosi Bé, Madagascar.

Family POTAMOGALIDÆ

POTAMOGALE DuChaillu

Potamogale DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860. Genotype *Cynogale velox* DuChaillu.

Cynogale DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 361, 1860 (in part, not Gray).

Mythomys Gray, Proc. Zool. Soc. London, for 1861, p. 275, Apl. 1862. Genotype *Cynogale velox* DuChaillu.

Bayonia Bocage, Mem. Acad. Sci., Lisbon, 1 class, 4: 1, Mem. 2, p. 3, 1865; Proc. Zool. Soc. London, p. 402, 2 text-f. (skull), Oct. 1865. Genotype *Potamogale velox* DuChaillu.

Potamogale velox DuChaillu

Potamogale velox DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 361, 1860. Equatorial Africa = Gaboon.

P[otamogale] allmani Jentink, Notes Leyden Mus., 16: 236, Mar. 1895. Old Calabar. Indistinguishable from typical *velox* (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 8, 20 July 1922).

Potamogale velox argens Thomas, Ann. Mag. Nat. Hist. (8) 16: 470, Dec. 1915. Medje, Congo Belge (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 6, 20 July 1922, by whom this is shown to be identical with the typical form).

Range: Cameroons to Angola and Congo Belge.

Geogale Milne-Edwards and A. Grandidier

Geogale Milne-Edwards and A. Grandidier, Ann. des Sci. Nat., zool. (5) 15: 1, 1872. Genotype *Geogale aurita* Milne-Edwards and A. Grandidier.

Geogale aurita aurita Milne-Edwards and A. Grandidier

Geogale aurita Milne-Edwards and A. Grandidier, Ann. des Sci. Nat., zool. (5) 15: 1, 1872. Tulear and Murundava, western Madagascar.

Geogale aurita orientalis G. Grandidier and Petit

Geogale aurita orientalis G. Grandidier and Petit, Faune des Colonies Françaises, 4: no. 4, 446, 1930. Fénerive, Madagascar.

Family SORICIDÆ. Shrews

Crocidura Wagler. White-toothed Shrews

Crocidura Wagler, Oken's Isis, p. 275, 1832. Genotype *Sorex leucodon* Hermann.

Rhinomus Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 159, 1860. Genotype *Rhinomus soricoides* Murray = ?

Leucodon Fatio, Faune Vertéb. Suisse, 1: 132, 1869. Genotype *Leucodon microurus* Fatio = *Sorex leucodon* Hermann.

Paurodus Schulze, Helios, Abh. u. Vorträge aus Gesammtgebiete Naturwiss., 14: 90, 1897. As a subgenus of *Crocidura*; included *Sorex leucodon* Hermann and *S. araneus* Schreber (= *Crocidura russula* fide Miller) of which the former is here designated the type.

Heliosorex Heller, Smithsonian Misc. Coll., 56: no. 15, p. 6, pl. 1, 23 Dec. 1910. Genotype *Heliosorex roosevelti* Heller. A synonym of *Crocidura*, fide Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 68, 1918.

Review and keys: Thomas, O. On shrews from British East Africa. Ann. Mag. Nat. Hist. (7) 14: 236–241, Sep. 1904.

Dollman, Guy. On the African shrews belonging to the genus *Crocidura*. Ann. Mag. Nat. Hist. (8) 15: 507–527, May 1915; 562–575, June 1915; (8) 16: 66–80, July 1915; 124–146, Aug. 1915; 357–380, Oct. 1915; 506–514, Dec. 1915; (8) 17: 188–209, Feb. 1916.

NOTE—*Crossopus fodiens* is credited to Algeria by Loche (Explor. Sci. de l'Algérie, Zool., Mammifères, p. 88, 1867), but no doubt erroneously. *Sorex araneus*, *S. tetragonurus*, *Crocidura leucodon*, listed by Loche (Explor. Sci. de l'Algérie, pp. 84, 86, 87, 88, 1867) are probably *C. r. agilis* or other species of *Crocidura*.

CROCIDURA ALBICAUDA Peters

Crocidura albicauda Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, 1866: 885, ?1867. Angasilia, Comoro Islands.

CROCIDURA ALLEX ALLEX Osgood

Crocidura allex Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 20, 7 Apl. 1910. Naivasha, Kenya Colony.

CROCIDURA ALLEX ALPINA Heller

Crocidura alpina Heller, Smithsonian Misc. Coll., 56: no. 9, p. 5, 22 July 1910. West slope of Mt. Kenya, 10,000 feet, Kenya Colony.

Crocidura allex alpina Hollister, Bull. U. S. Nat. Mus., no. 99: pt. 1, p. 68, 1918.

CROCIDURA ANCHIETÆ Bocage

Crocidura anchietæ Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 26, Mar. 1889. Caconda, Angola.

CROCIDURA ANSORGEI Dollman

Crocidura ansorgei Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 138, Aug. 1915. Duque de Bragança, Angola.

CROCIDURA ARETHUSA Dollman

Crocidura arethusa Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 144, Aug. 1915. Kabwir, Bauchi Province, northern Nigeria.

CROCIDURA ARGENTATA (Sundevall)

Sorex argentatus Sundevall, in Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 16, footnote, 1860. Roodeval, Karroo, South Africa.

CROCIDURA ARIDULA Thomas and Hinton

Crocidura aridula Thomas and Hinton, Proc. Zool. Soc. London, p. 252, July 6, 1923. Kulme, Wadi Aribo, Darfur, 3300 feet.

CROCIDURA BAILEYI Osgood

Crocidura baileyi Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936. Ras Dashan (Mt. Geech), Simien Mts., Ethiopia.

For Alfred M. Bailey, coll.

CROCIDURA BATESI Dollman

Crocidura batesi Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 143, Aug. 1915. Como River, Gaboon.

CROCIDURA BEIRÆ BEIRÆ Dollman

Crocidura beiræ Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 69, July 1915. Beira, Portuguese East Africa.

CROCIDURA BEIRÆ NYIKÆ Dollman

Crocidura beiræ nyikæ Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 70, July 1915. Nyika plateau, northern Nyasaland, 6–7000 feet.

CROCIDURA BETA Dollman

Crocidura beta Dollman, Ann. Mag. Nat. Hist. (8) 15: 513, May; 16: 78, July 1915. "Charnia" River, Kenya Colony; = Chania River, near Nyeri and Fort Hall.

CROCIDURA BICOLOR BICOLOR Bocage

Crocidura bicolor Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 29, Mar. 1889. "Gambos, dans l'intérieur de Mossamedes", Angola.

CROCIDURA BICOLOR CUNINGHAMEI Thomas

Crocidura cuninghamei Thomas, Ann. Mag. Nat. Hist. (7) 14: 240, Sep. 1904. Island one mile north of Sajitu Id., Victoria Nyanza.

CROCIDURA BICOLOR ELGONIUS Osgood

Crocidura bicolor elgonius Osgood, Ann. Mag. Nat. Hist. (8) 5: 369, Apl. 1910. Kirui, Mt. Elgon, Kenya Colony.

CROCIDURA BICOLOR HENDERSONI Dollman

Crocidura bicolor hendersoni Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 189, Feb. 1916. Nyasaland.

CROCIDURA BICOLOR NANA Dobson

Crocidura nana Dobson, Ann. Mag. Nat. Hist. (6) 5: 225, Mar. 1890. Dollo, Somaliland.

Crocidura bicolor nana Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936.

Crocidura bicolor nanilla Thomas

Crocidura nanilla Thomas, Ann. Mag. Nat. Hist. (8) 4: 99, Aug. 1909. Probably Entebbe, Uganda.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936) this is probably a race of *C. bicolor*.

Crocidura nancilla St. Leger, Ann. Mag. Nat. Hist. (10) 9: 240, Mar. 1932 (lapsus cal. for *nanilla*).

Crocidura bicolor planiceps Heller

Crocidura planiceps Heller, Smithsonian Misc. Coll., 56: no. 15, p. 5, 23 Dec. 1910. Rhino Camp, Lado Enclave.

Crocidura bicolor planiceps Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 67, 1918.

Crocidura bicolor rudolfi St. Leger

Crocidura denti St. Leger, Ann. Mag. Nat. Hist. (10) 9: 240, Mar. 1932. Koliokwell River, Lake Rudolf, Uganda (not *C. jacksoni denti* Dollman, 1915).

Crocidura rudolfi St. Leger, Ann. Mag. Nat. Hist. (10) 10: 487, Nov. 1932 (in place of *C. denti* St. Leger, not *C. jacksoni denti* Dollman, 1915). Koliokwell River, Lake Rudolf, Uganda.

According to Osgood (Zool Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936) this is probably a race of *C. bicolor*.

Crocidura bicolor woosnami Dollman

Crocidura bicolor woosnami Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May 1915; 17: 189, Feb. 1916. Lake Ngami, Bechuanaland, South Africa.

Crocidura bolivari Morales Agacino

Crocidura bolivari Morales Agacino, Bol. Soc. Españ. Hist. Nat., Madrid, 34: 93, f. 1, 1 Apl. 1934. Villa Cisneros, Rio de Oro.

Crocidura bottegi Thomas

Crocidura (*Cr.*) *bottegi* Thomas, Ann. Mus. Civ. Stor. Nat. Genova, (2): 18, 677, 21 Feb. 1898. Northeast of Lake Rudolf, Abyssinia, between Badditú and Dimé.

Crocidura bovei Dobson

Crocidura bovei Dobson, Ann. Mus. Civ. Stor. Nat. Genova, (2) 5: 425, fig., 25 Oct. 1887. Vivi, Lower Congo, Congo Belge.

Crocidura boydi Dollman

Crocidura boydi Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 357, Oct. 1915. Titebbi, Uele River.

CROCIDURA BÜTTIKOFERI Jentink
Crocidura büttikoferi Jentink, Notes Leyden Mus., 10: 47, Apl. 1888. Robertsport, Liberia.

CROCIDURA BUTLERI Thomas
Crocidura butleri Thomas, Ann. Mag. Nat. Hist. (8) 8: 375, Sep. 1911. Between Chakchak and Dem Zubeir, Bahr-el-Ghazal, Sudan.

CROCIDURA CALIGINEA Hollister
Crocidura caliginea Hollister, Bull. Amer. Mus. Nat. Hist., 35: 664, pl. 7, f. 1; pl. 8, ff. 1, 1a, 21 Oct. 1916. Medje, Congo Belge.

CROCIDURA CAPENSOIDES (A. Smith)
Sorex capensoides A. Smith, South African Quart. Journ., 2: 62, 1833. Near Cape Town, South Africa.

CROCIDURA CHITAUENSIS Hill and Carter
Crocidura chitauensis Hill and Carter, Amer. Mus. Novitates, no. 937, p. 3, 13 July 1937. Chitau, Angola, 4930 feet.

CROCIDURA CINDERELLA Thomas
Crocidura cinderella Thomas, Ann. Mag. Nat. Hist. (8) 8: 119, July 1911. Gemenjulla, French Gambia.

CROCIDURA CONGOBELGICA Hollister
Crocidura congobelgica Hollister, Bull. Amer. Mus. Nat. Hist., 35: 670, pl. 7, f. 6; pl. 9, f. 3, 3a, 21 Oct. 1916. Lubila, Bafwasende, Congo Belge.

CROCIDURA CROSSEI Thomas
Crocidura (*Cr.*) *crossei* Thomas, Ann. Mag. Nat. Hist. (6) 16: 53, July 1895. Asaba, 150 miles up the Niger.

CROCIDURA CUANZENSIS Hill and Carter
Crocidura cuanzensis Hill and Carter, Amer. Mus. Novitates, no. 937, p. 2, 13 July 1937. Chitau, Angola, 4930 feet. Near to *C. katharina.*

CROCIDURA CYANEA (Duvernoy)
Sorex cyaneus Duvernoy, Mém. Soc. d'Hist. Nat. Strasbourg, 2: pt. 3, paper LL, p. 2, 1838; Mag. de Zool., 1842, p. 21, pl. 40, 41. "La rivière des Eléphants, au sud de l'Afrique."
Sorex infumatus Wagner, Schreber's Säugthiere, Suppl., 2: 76, 1841; 5: 562, 1855. Cape of Good Hope.

CROCIDURA DARFUREA Thomas and Hinton

Crocidura darfurea Thomas and Hinton, Proc. Zool. Soc. London, p. 251, 6 July 1923. Zalingei, Darfur.

CROCIDURA DESERTI Schwann

Crocidura deserti Schwann, Proc. Zool. Soc. London, p. 103, 7 June 1906. Molopo River, west of Morokwen, Bechuanaland.

CROCIDURA DOLICHURA Peters

Crocidura (*Croc.*) *dolichura* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 475, pl. 2, f. 1, 1876. Bonjongo, Cameroons.

CROCIDURA ELECTA Dollman

Crocidura electa Dollman, Ann. Mag. Nat. Hist. (8) 5: 175, Feb. 1910. Kamtoby, south of Lake Tanganyika, Rhodesia.

CROCIDURA ERICA Dollman

Crocidura erica Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 145, Aug. 1915. Pungo Andongo, Angola.

CROCIDURA FERRUGINEA Heuglin

Crocidura ferruginea Heuglin, Leopoldina, 5: 36, June 1865, in Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 1865. "Lande der Ridj-neger", Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Probably indeterminable (Dollman).

CROCIDURA FISCHERI Pagenstecher

Crocidura fischeri Pagenstecher, Jahrb. Wiss. Anst., Hamburg, 2: 34, pl. 1, f. 1–3, 1885. Nguruman, Tanganyika Territory.

CROCIDURA FLAVESCENS (I. Geoffroy)

Sorex flavescens I. Geoffroy, Dictionnaire Class., 11: 324, 1827; Mém. Mus. d'Hist. Nat. Paris, 15: 126, 1827. "La Cafrérie et le pays des Hottentots."

Sorex capensis A. Smith, South African Quart. Journ., 2: 62, 1833 (not Smuts; not Geoffroy); Ill. Zool. South Africa, Mamm., pl. 45, fig. 1, Mar. 1845.

Sorex cinnamomeus Lichtenstein, Verh. Ges. Naturf. Freunde, Berlin, 2: 381, 1829.

Sorex rutilus Sundevall, Öfversigt af Kongl. Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, note, 1846. Port Natal.

(New name for *S. flavescens* Smith, Ill. Zool. So. Afr., descr. to Pl. 45, but not *S. flavescens* I. Geoff., which has much shorter tail.)

CROCIDURA FLOWERI Dollman

Crocidura floweri Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May 1915; 17: 192, Feb. 1916. Gizeh, Egypt.

CROCIDURA FOXI Dollman

Crocidura foxi Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 143, Aug. 1915. Panyam, northern Nigeria, 4000 feet.

CROCIDURA FULVASTRA (Sundevall)

Sorex fulvaster Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 172, 1843. Bahr-el-Abiad, Sudan.

Crocidura strauchii Dobson, Ann. Mag. Nat. Hist. (6) 5: 225, Mar. 1890. Sudan. According to Dollman and to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936) this is probably a synonym of *C. fulvastra.*

CROCIDURA FUMOSA FUMOSA Thomas

Crocidura fumosa Thomas, Ann. Mag. Nat. Hist. (7) 14: 238, Sep. 1904. Western slope of Mt. Kenya, Kenya Colony, 2600 m.

Crocidura alchemillæ Heller, Roosevelt's African Game Trails, Amer. ed., p. 480; London ed., p. 491, 1910. Summit of Aberdare range, Kenya Colony.

Range: Central Kenya Colony.

CROCIDURA FUMOSA JOHNSTONI Dollman

Crocidura fumosa johnstoni Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 372, Oct. 1915. Chiromo, Nyasaland.

CROCIDURA FUMOSA MACMILLANI Dollman

Crocidura luna macmillani Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 360, Oct. 1915. Kotelee, Walamo, Abyssinia.

Crocidura fumosa macmillani Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936.

CROCIDURA FUMOSA MONTIS Thomas

Crocidura fumosa montis Thomas, Ann. Mag. Nat. Hist. (7) 18: 138, Aug. 1906. Ruwenzori East, Uganda, 12,500 feet.

CROCIDURA FUMOSA SCHISTACEA Osgood

Crocidura fumosa schistacea Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 20, 7 Apl. 1910. Lukenya Mountain, Kenya Colony.

Crocidura luna umbrosa Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 360, Oct. 1915. Machakos, Kenya Colony, 5400 feet. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 228, 28 Dec. 1936) this is a synonym of *C. f. schistacea.*

Crocidura fumosa selina Dollman

Crocidura fumosa selina Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 370, Oct. 1915. Mabira Forest, Chagwe, Uganda.

Crocidura fusco-murina (Heuglin)

S[orex] fusco murinus Heuglin, Leopoldina, 5: 36, June 1865, in Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 1865. Meshra-el-Req, Bahr-el-Ghazal, Anglo-Egyptian Sudan. Probably indeterminable (Dollman).

Crocidura fuscosa Thomas

Crocidura doriana fuscosa Thomas, Ann. Mag. Nat. Hist. (8) 12: 90, July 1913. Kaka, White Nile.

Crocidura geoffroyi (J. B. Fischer)

Sorex geoffroyi J. B. Fischer, Synopsis Mamm., Addenda, p. 664, 1830. Mauritius ("in insula Franciæ").

Crocidura giffardi de Winton

Crocidura (Cr.) giffardi de Winton, Ann. Mag. Nat. Hist. (7) 2: 484, Dec. 1898. Moshi (or Mossi) near Wagadugu, 500 miles northeast of Kumasi, Gold Coast.

Crocidura glebula Dollman

Crocidura glebula Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 196, Feb. 1916. Zungeru, northern Nigeria.

Crocidura gracilipes Peters

Crocidura (Cr.) gracilipes Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 590, 1870. Kilimanjaro, Tanganyika Territory.

Crocidura hedenborgiana (Sundevall)

Sorex hedenborgianus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 171, 1843. Sennaar.

Sorex hedenborgi Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 177, 1843 (lapsus), also on p. 199.

Crocidura hildegardeæ hildegardeæ Thomas

Crocidura hildegardeæ Thomas, Ann. Mag. Nat. Hist. (7) 14: 240, Sep. 1904. Fort Hall, Kenya Colony.

Crocidura maanjæ Heller, Smithsonian Misc. Coll., 56: no. 15, p. 4, 23 Dec. 1910. Kabula Muliro, Uganda.

Crocidura lutreola Heller, Smithsonian Misc. Coll., 60: no. 12, p. 8, 4 Nov. 1912. Mt. Mbololo, Taita Hills, Kenya Colony.

Crocidura hildegardeæ procera Heller, Smithsonian Misc. Coll., 60: no. 12, p. 10, 4 Nov. 1912. Mt. Lololokui, northern Guaso Nyiro, Kenya Colony.

Crocidura macowi Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May; 16: 378, Oct. 1915. Mt. Nyiro, south of Lake Rudolf, Kenya Colony. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936) this is a synonym of *C. h. hildegardeæ*.

Crocidura ibeana Dollman, Ann. Mag. Nat. Hist. (8) 15: 514, May; 16: 362, Oct. 1915. Olgerei River, Kenya Colony. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 229, 28 Dec. 1936) this is a synonym of *C. h. hildegardeæ*.

CROCIDURA HILDEGARDEÆ ALTÆ Heller

Crocidura hildegardeæ altæ Heller, Smithsonian Misc. Coll., 60: no. 12, p. 9, 4 Nov. 1912. Mt. Garguez, Mathews Range, Kenya Colony, 6000 feet.

CROCIDURA HILDEGARDEÆ PHÆURA Osgood

Crocidura hildegardeæ phæura Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 228, 28 Dec. 1936. West base of Mt. Guramba, northeast of Allata, Sidamo, Ethiopia.

CROCIDURA HILDEGARDEÆ RUBECULA Dollman

Crocidura hildegardeæ rubecula Dollman, Ann. Mag. Nat. Hist. (8) 15: 515, May; 16: 509, Dec. 1915. Kigezi, Uganda, 6000 feet.

CROCIDURA HINDEI HINDEI Thomas

Crocidura hindei Thomas, Ann. Mag. Nat. Hist. (7) 14: 237, Sep. 1904. Machakos, Kenya Colony.

CROCIDURA HINDEI DIANA Dollman

Crocidura hindei diana Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 76, July 1915. Lake Chad.

CROCIDURA HINDEI MARRENSIS Thomas and Hinton

Crocidura hindei marrensis Thomas and Hinton, Proc. Zool. Soc. London, p. 252, 6 July 1923. Wadi Konger, east-central Jebel Marra, Darfur.

CROCIDURA HIRTA HIRTA Peters

Crocidura hirta Peters, Reise nach Mossambique, Säugeth., p. 78, pl. 18, f. 2, 1852. Tette, Mozambique, 17° S.

Crocidura canescens Peters, Reise nach Mossambique, Säugeth., p. 83, pl. 18, f. 4, 1852. Tette, Mozambique, 17° S.

Crocidura annellata Peters, Reise nach Mossambique, Säugeth., p. 85, pl. 18, f. 5, 1852. Tette, Mozambique, 17° S.

CROCIDURA HIRTA FLAVIDULA Thomas and Schwann

Crocidura flavescens flavidula Thomas and Schwann, Proc. Zool. Soc. London, 1: 264, 10 Aug. 1905. Umvolosi, Zululand, Natal.

Crocidura hirta mutesæ Heller

Crocidura mutesæ Heller, Smithsonian Misc. Coll., 56: no. 15, p. 3, 23 Dec. 1910. Kampala, Uganda.

Crocidura hirta mutesæ Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936.

Crocidura hirta pondoensis Roberts

Crocidura pondoensis Roberts, Ann. Transvaal Mus., 4: 71, 20 Oct. 1913. Ngqeleni district, Pondoland, South Africa.

Crocidura hirta suahelæ Heller

Crocidura suahelæ Heller, Smithsonian Misc. Coll., 60: no. 12, p. 6, 4 Nov. 1912. Mazeras, Kenya Colony.

Crocidura hirta suahelæ Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 225, 28 Dec. 1936.

Crocidura holobrunneus Roberts

Crocidura holobrunneus Roberts, Ann. Transvaal Mus., 14: 225, 28 July 1931. Mariepskop, Pilgrimsrest district, Transvaal.

Range: Transvaal to Zululand.

Crocidura jacksoni jacksoni Thomas

Crocidura jacksoni Thomas, Ann. Mag. Nat. Hist. (7) 14: 238, Sep. 1904. Ravine Station, Kenya Colony.

Crocidura jacksoni amalæ Dollman

Crocidura jacksoni amalæ Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May; 16: 376, Oct. 1915. Amala River, Nyanza Province, Kenya Colony.

Crocidura jacksoni denti Dollman

Crocidura jacksoni denti Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May; 16: 377, Oct. 1915. Between Mawambi and Avakubi, Ituri Forest, Congo Belge.

Crocidura katharina Kershaw

Crocidura katharina Kershaw, Ann. Mag. Nat. Hist. (9) 10: 101, July 1922. N'dola, Northern Rhodesia, 12° 50′ S., 28° 40′ E.

Crocidura langi Cabrera

Crocidura langi Cabrera, Bol. Real Soc. Española Hist. Nat. Madrid, 25: 21, 30 Jan. 1925. St. Joseph de Luluaberg, Kasai, Congo Belge.

Crocidura latona Hollister

Crocidura latona Hollister, Bull. Amer. Mus. Nat. Hist., 35: 667, pl. 7, f. 3; pl. 8, f. 3, 3a, 21 Oct. 1916. Medje, Congo Belge.

CROCIDURA LITTORALIS Heller
Crocidura littoralis Heller, Smithsonian Misc. Coll., 56: no. 15, p. 5, 23 Dec. 1910. Butiaba, east shore of Albert Nyanza, Uganda.

CROCIDURA LUDIA Hollister
Crocidura ludia Hollister, Bull. Amer. Mus. Nat. Hist., 35: 668, pl. 7, f. 4; pl. 9, f. 1, 1a, 21 Oct. 1916. Medje, Congo Belge.

CROCIDURA LUIMBALENSIS Hill and Carter
Crocidura luimbalensis Hill and Carter, Amer. Mus. Novitates, no. 937, p. 1, 13 July 1937. Luimbale, Angola.

CROCIDURA LULUÆ Matschie
Crocidura luluæ Matschie, Zeitschr. f. Säugetierk., 1: 111, 24 Dec. 1926. Kapelekese, near Luluaberg, Lulua River, Congo Belge.

CROCIDURA LUNA Dollman
Crocidura luna Dollman, Ann. Mag. Nat. Hist. (8) 5: 175, Feb. 1910. Bunkeya River, Katanga, Congo Belge.

CROCIDURA LUSITANIA Dollman
Crocidura lusitania Dollman, Ann. Mag. Nat. Hist. (8) 15: 516, May 1915; 17: 198, Feb. 1916. Trarza country, Mauritania.

CROCIDURA LUTRELLA Heller
Crocidura lutrella Heller, Smithsonian Misc. Coll., 56: no. 15, p. 4, 23 Dec., 1910. Rhino Camp, Lado Enclave.

CROCIDURA MACARTHURI St. Leger
Crocidura macarthuri St. Leger, Ann. Mag. Nat. Hist. (10) 13: 559, May 1934. Merifano, 20 miles from mouth of Tana River, Kenya Colony.

CROCIDURA MANNI Peters
Crocidura (*Crocid.*) *manni* Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1878. Lagos, Nigeria.
Range: Nigeria.

CROCIDURA MARIQUENSIS (A. Smith)
Sorex mariquensis A. Smith, Illustr. Zool. So. Africa, Mamm., pl. 44, f. 1, Oct. 1844. "Wood near the tropic of Capricorn," South Africa.

CROCIDURA MARITA Thomas and Hinton
Crocidura marita Thomas and Hinton, Proc. Zool. Soc. London, p. 253, 6 July 1923. Southeast downs, Jebel Marra, Darfur.

Crocidura martensii Dobson
Crocidura martensii Dobson, Ann. Mag. Nat. Hist. (6) 6: 496, Dec. 1890. "Cape of Good Hope."
Range: To Zululand.

Crocidura martiensseni Neumann
Crocidura martiensseni Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900. Mt. Kilimanjaro, above Marangu, Tanganyika Territory, 6000 feet.

Crocidura maurisca maurisca Thomas
Crocidura maurisca Thomas, Ann. Mag. Nat. Hist. (7) 14: 239, Sep. 1904. Entebbe, Uganda.

Crocidura maurisca geata Allen and Loveridge
Crocidura maurisca geata G. M. Allen and Loveridge, Proc. Boston Soc. Nat. Hist., 38: 417, Dec. 1927. Nyingwa, Uluguru Mts., Tanganyika Territory.

Crocidura monax Thomas
Crocidura monax Thomas, Ann. Mag. Nat. Hist. (8) 6: 310, Sept. 1910. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 6000 feet.

Crocidura muricauda (Miller)
Myosorex muricauda Miller, Proc. Washington Acad. Sci., 2: 645, f. 42, 28 Dec. 1900. Mount Coffee, Liberia.

Crocidura neavei Wroughton
Crocidura neavei Wroughton, Manchester Mem., 51: no. 5, p. 7, 13 Mar. 1907. Kafue River, Rhodesia, 4000 feet.

Crocidura nigricans Bocage
Crocidura nigricans Bocage, Jorn. Sci. Math., Phys. e Nat. Lisboa, (2) 1: 28 Mar. 1889. Quindumbo, Angola.

Crocidura nigrofusca Matschie
Crocidura nigrofusca Matschie, Deutsch-Ost-Afrika, 3: Säugethiere, p. 33, 1895. Wukalala camp, Kinyawanga, west of Semliki, Congo Belge.

Crocidura niobe Thomas
Crocidura niobe Thomas, Ann. Mag. Nat. Hist. (7) 18: 138, Aug. 1906. Ruwenzori East, Uganda.

Crocidura occidentalis occidentalis (Pucheran)
Pachyura occidentalis Pucheran, Rev. et Mag. de Zool., (2) 7: 154, 1855. Gaboon.

Pachyura æquatorialis Pucheran, Rev. et Mag. de Zool., (2) 7: 154, 1855. Gaboon.

Crocidura petersii Dobson, Ann. Mag. Nat. Hist. (6) 6: 495, Dec. 1890. Gaboon.

CROCIDURA OCCIDENTALIS CARA Dollman

Crocidura occidentalis cara Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, 525, May 1915. Jala, Sierra Leone.

CROCIDURA OCCIDENTALIS DAPHNIA Hollister

Crocidura daphnia Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 1, May 1916. Gondokoro, Uganda.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 222, 28 Dec. 1936) this is doubtfully distinct from *C.o. nyansæ*.

CROCIDURA OCCIDENTALIS DORIANA Dobson

Crocidura doriana Dobson, Ann. Mus. Civ. Stor. Nat., Genova, (2) 4: 564, 24 May 1887. Let-Marefia, Shoa, Abyssinia.

Crocidura occidentalis doriana Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 220, 28 Dec. 1936 (with comment on limits of the *occidentalis* group).

CROCIDURA OCCIDENTALIS GUINEENSIS Cabrera

Crocidura doriana guineensis Cabrera, Mem. Soc. Española Hist. Nat., Madrid, 1: 22, pl. 1, May 1903. Cape San Juan, Rio Muni, Spanish Guinea.

CROCIDURA OCCIDENTALIS HERA Dollman

Crocidura nyansae hera Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 571, June 1915. Shiré highlands, Blantyre district, southern Nyasaland.

CROCIDURA OCCIDENTALIS HERERO St. Leger

Crocidura nyanzæ herero St. Leger, Ann. Mag. Nat. Hist. (10) 10: 85, July 1932. Mbambi, Grootfontein-Caprivi border, Southwest Africa.

CROCIDURA OCCIDENTALIS KIJABÆ J. A. Allen

Crocidura kijabæ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 173, 19 Mar. 1909. Kijabe, Kenya Colony.

CROCIDURA OCCIDENTALIS KIVU Osgood

Crocidura flavescens kivu Osgood, Ann. Mag. Nat. Hist. (8) 5: 370, Apl. 1910. Lake Kivu, eastern Congo.

CROCIDURA OCCIDENTALIS LULUANA Cabrera

Crocidura occidentalis luluana Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 25: 20, 30 Jan. 1925. St. Joseph de Luluabourg, Kasai, Congo Belge.

Crocidura occidentalis nigeriæ Dollman
Crocidura occidentalis nigeriæ Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, 524, May 1915. Asaba, 150 miles up the Niger.

Crocidura occidentalis nyansæ Neumann
Crocidura flavescens nyansæ Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900. Fort Lubwa's in Ussoga, outlet of Victoria Nyanza, Uganda.
Crocidura occidentalis nyansæ Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 220, 28 Dec. 1936.

Crocidura occidentalis spurrelli Thomas
Crocidura spurrelli Thomas, Ann. Mag. Nat. Hist. (8) 6: 427, Oct. 1910. Bibianaha, near Dunkwa, inland of Sekondi, Gold Coast.

Crocidura occidentalis tatiana Dollman
Crocidura nyansæ tatiana Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 570, June 1915. Mt. Gargues, north of Mweru district, Kenya Colony.

Crocidura occidentalis zuleika Dollman
Crocidura nyansæ zuleika Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 570, June 1915. Chirinda Forest, Melsetter district, Southern Rhodesia.

Crocidura odorata (Leconte)
Sorex odoratus Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, 1857. [Cette Cama, Gaboon.]

Crocidura olivieri (Lesson)
Sorex olivieri Lesson, Manuel de Mammalogie, p. 121, 1827. Sakkara, Egypt, as mummies from catacombs.

Crocidura oritis Hollister
Crocidura oritis Hollister, Bull. Amer. Mus. Nat. Hist., 35: 666, pl. 7, f. 2; pl. 8, f. 2, 2a, 21 Oct. 1916. Avakubi, Ituri River, Congo Belge.

Crocidura parvipes parvipes Osgood
Crocidura parvipes Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 19, 7 Apl. 1910. Voi, Kenya Colony.

Crocidura parvipes nisa Hollister
Crocidura parvipes nisa Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 2, May, 1916. Kibabe, Kisumu, Kenya Colony.

Crocidura pasha Dollman
Crocidura pasha Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 195, Feb. 1916. Atbara River, Sudan.

CROCIDURA PERCIVALI Dollman
Crocidura percivali Dollman, Ann. Mag. Nat. Hist. (8) 15: 513, May; 16: 126, Aug. 1915. Jombeni Range, Nyeri district, Kenya Colony, 3500 feet.

CROCIDURA PILOSA Dobson
Crocidura pilosa Dobson, Ann. Mag. Nat. Hist. (6) 6: 496, Dec. 1890. Transvaal.

CROCIDURA PITMANI Barclay
Crocidura pitmani Barclay, Ann. Mag. Nat. Hist. (10) 10: 440, Oct. 1932. Maluwe-Serenje district, Northern Rhodesia, 3800 feet.

CROCIDURA POENSIS POENSIS (Fraser)
Sorex (*Crocidura*) *poensis* Fraser, Proc. Zool. Soc. London, for 1842, 10: 200, Feb. 1843. Clarence, Fernando Po.

CROCIDURA POENSIS ATTILA Dollman
Crocidura poensis attila Dollman, Ann. Mag. Nat. Hist. (8) 15: 512, May; 16: 141, Aug. 1915. Bitye, Cameroons.

CROCIDURA POENSIS PAMELA Dollman
Crocidura poensis pamela Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 142, Aug. 1915. Bibianaha, Gold Coast.
Range: Gold Coast to French Gambia.

CROCIDURA POENSIS SORICOIDES (Murray)
Rhinomus soricoides Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 159, 1860. Old Calabar, southern Nigeria.

CROCIDURA POLIA Hollister
Crocidura polia Hollister, Bull. Amer. Mus. Nat. Hist., 35: 669, pl. 7, f. 5; pl. 9, f. 2, 2a, 21 Oct. 1916. Medje, Congo Belge.

CROCIDURA PONDOENSIS Roberts
Crocidura pondoensis Roberts, Ann. Transvaal Mus., 4: 71, 20 Oct. 1913. Port St. John's, Pondoland, South Africa.

CROCIDURA RAINEYI Heller
Crocidura raineyi Heller, Smithsonian Misc. Coll., 60: no. 12, p. 7, 4 Nov. 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 feet.

CROCIDURA RELIGIOSA (I. Geoffroy)
Sorex religiosus I. Geoffroy, Mém. Mus. d'Hist. Nat. Paris, 15: 128, 1827. Types mummified, Thebes, Egypt.

Crocidura roosevelti (Heller)

Heliosorex roosevelti Heller, Smithsonian Misc. Coll., 56: no. 15, p. 6, pl. 1, 23 Dec. 1910. Rhino Camp, Lado Enclave.

Crocidura roosevelti Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 68, 1918.

Crocidura russula agilis (Levaillant). Algerian Pygmy Shrew

Pachyura agilis Levaillant, in Loche, Explor. Sci. de l'Algérie, Zool., pl. 4, f. 2, 1850. Algeria.

(The atlas of this work was published many years before the text according to Cabrera.)

Sorex mauritanicus Pomel, Compt. Rend. Acad. Sci. Paris, 42: 653, 1856. Algeria. Perhaps indeterminable.

Pachyura pigmæa Loche, Explor. Sci. de l'Algérie, Zool., p. 88, 1867. Ain-el-Bel, Algeria.

Crocidura russula suaveolens Pallas (not Blasius), Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 142, 1904 (in part).

Range: Tunis and eastern Morocco.

Crocidura russula yebalensis Cabrera

Crocidura yebalensis Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 13: 400, Oct. 1913. Tetuán, Morocco.

Crocidura sacralis Peters

Crocidura sacralis Peters, Reise nach Mossambique, Säugeth., p. 82, pl. 18, f. 3, 1852. Cabaceira Peninsula, Mozambique.

Crocidura sansibarica Neumann

Crocidura bicolor sansibarica Neumann, Zool. Jahrb., Syst., 13: 544, 10 Oct. 1900. Mojoni, Zanzibar Island.

Crocidura schweitzeri Peters

Crocidura (*Crocidura*) *schweitzeri* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 187, 1877. Liberia.

Crocidura stampflii Jentink, Notes Leyden Mus., 10: 47, Apl. 1888. Liberia, Schieffelinsville and Hill-town.

Crocidura sericea (Sundevall)

Sorex sericeus Sundevall, Kongl. Svenska Vet.-Akad.Handl., Stockholm, for 1842, pp. 173, 177, 1843. Near Bahr-el-Abiad, Sudan.

Crocidura macrodon Dobson, Ann. Mag. Nat. Hist. (6) 5: 226, Mar. 1890. ?Sudan. According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 227, 28 Dec. 1936) this is best regarded as a synonym of *C. sericea*.

Crocidura shortridgei St. Leger

Crocidura shortridgei St. Leger, Ann. Mag. Nat. Hist. (10) 10: 84, July 1932. Popa Falls, West Caprivi, Damaraland, Southwest Africa.

CROCIDURA SILACEA Thomas
Crocidura (*Cr.*) *silacea* Thomas, Ann. Mag. Nat. Hist. (6) 16: 53, July 1895. Figtree Creek, De Kaap, Transvaal.

CROCIDURA SMITHII Thomas
Crocidura (*Croc.*) *smithii* Thomas, Ann. Mag. Nat. Hist. (6) 16: 51, July 1895. Webi Shebeli, Somaliland.

CROCIDURA SOMALICA Thomas
Crocidura (*Cr.*) *somalica* Thomas, Ann. Mag. Nat. Hist. (6) 16: 52, July 1895. Webi Shebeli, Somaliland.

CROCIDURA SURURÆ Heller
Crocidura sururæ Heller, Smithsonian Misc. Coll., 56: no. 15, p. 2, 23 Dec. 1910. Rhino Camp, Lado Enclave.
Probably a race of *nyansæ*, apud Hollister, 1916.

CROCIDURA SYLVIA Thomas and Schwann
Crocidura sylvia Thomas and Schwann, Proc. Zool. Soc. London, p. 587, 10 Oct. 1906. Woodbush, Zoutpansberg district, Transvaal.

CROCIDURA THOMENSIS (Bocage)
Sorex (*Crocidura*) *thomensis* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 11: 213, Feb. 1887. Island of St. Thomé.

CROCIDURA TURBA TURBA Dollman
Crocidura turba Dollman, Ann. Mag. Nat. Hist. (8) 5: 176, Feb. 1910. Chilui Island, Lake Bangweolo, Rhodesia.

CROCIDURA TURBA ANGOLÆ Dollman
Crocidura turba angolæ Dollman, Ann. Mag. Nat. Hist. (8) 15: 510, May; 16: 136, Aug. 1915. Bailundu country, Angola.

CROCIDURA TURBA NILOTICA Heller
Crocidura nilotica Heller, Smithsonian Misc. Coll., 56: no. 15, p. 3, 23 Dec. 1910. Rhino Camp, Lado Enclave.
Crocidura turba nilotica Hollister, Bull. Amer. Mus. Nat. Hist., 35: 664, 21 Oct. 1916.
Range: Lado Enclave to 'Njabara, Ethiopia.

CROCIDURA TURBA TARELLA Dollman
Crocidura turba tarella Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 135, Aug. 1915. Chaya, near Ruchuru, Congo Belge.

Crocidura turba zaodon Osgood

Crocidura turba zaodon Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 21, 7 Apl. 1910. Nairobi, Kenya Colony.

Crocidura turba provocax Thomas, Ann. Mag. Nat. Hist. (8) 6: 112, July 1910. Aberdare Mts., Kenya Colony, 11,000 feet.

Crocidura turba lakiundæ Heller, Smithsonian Misc. Coll., 60: no. 12, p. 6, 4 Nov. 1912. Lakiundu River near junction with Northern Guaso Nyiro, Kenya Colony.

Crocidura turba kempi Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 134, Aug. 1915. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

Crocidura ultima Dollman

Crocidura ultima Dollman, Ann. Mag. Nat. Hist. (8) 15: 517, May 1915; 17: 204, Feb. 1916. Jombeni Range, Nyeri district, Kenya Colony, 5000 ft.

Crocidura velutina Thomas

Crocidura velutina Thomas, Ann. Mag. Nat. Hist. (7) 14: 237, Sep. 1904. Usambara, Tanganyika Territory.

Crocidura viaria (I. Geoffroy)

Sorex viarius I. Geoffroy, Voyage aux Indes-Orientales par C. Bélanger, Zool., p. 127, 1834. Senegal.

Crocidura voi Osgood

Crocidura voi Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 18, 7 Apl. 1910. Voi, Kenya Colony.

Crocidura whitakeri De Winton

Crocidura (*Cr.*) *whitakeri* De Winton, Proc. Zool. Soc. London, for 1897, p. 954, Apl. 1898. Sierzet, halfway between Morocco City and Mogador, Morocco.

Crocidura whitakeri Cabrera, Trab. Mus. Nac. Cienc. Nat., Madrid, zool. ser., no. 57, p. 65, pl. 3 (col.), 30 Dec. 1932.

Crocidura xantippe Osgood

Crocidura xantippe Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 19, 7 Apl. 1910. Voi, Kenya Colony.

Crocidura xanthippe Dollman, Ann. Mag. Nat. Hist. (8) 15: 512; 16: 375, 1915.

Crocidura zaphiri zaphiri Dollman

Crocidura zaphiri Dollman, Ann. Mag. Nat. Hist. (8) 15: 509, May; 16: 66, July, 1915. Charada Forest, Kaffa, Abyssinia.

Crocidura zaphiri simiolus Hollister

Crocidura simiolus Hollister, Smithsonian Misc. Coll., 66: no. 8, p. 3, May 1916. Kisumu, Kenya Colony.

Crocidura zaphiri simiolus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 224, 28 Dec. 1936 (with note on status).

Crocidura zena zena Dollman

Crocidura zena Dollman, Ann. Mag. Nat. Hist. (8) 15: 511, May; 16: 137, Aug. 1915. Chilui Island, Lake Bangweolo, Rhodesia.

Crocidura zena cabrerai Morales Agacino

Crocidura zena cabrerai Morales Agacino, Bol. Soc. Española Hist. Nat., Madrid, 35: 20, fig. 1, 5 Mar. 1935. St. Joseph de Luluabourg, Kasai, Congo Belge.

Crocidura zimmeri Osgood

Crocidura zimmeri Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 223, 28 Dec. 1936. Katobwe, near Bukoma, Lualaba River, Katanga Province, Congo Belge.

Myosorex Gray

Myosorex Gray, Proc. Zool. Soc. London, for 1837, p. 124, 14 June 1838. Genotype *Sorex varius* Smuts.

Sorex Smuts, Enum. Mammal. Cap., p. 8, 1832 (not Linnæus).

Myosorex blarina Thomas

Myosorex blarina Thomas, Ann. Mag. Nat. Hist. (7) 18: 139, Aug. 1906; Thomas and Wroughton, Trans. Zool. Soc. London, 19: 489, pl. 20, lower fig., Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 10,000 feet.

Myosorex sclateri sclateri Thomas and Schwann

Myosorex sclateri Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 15, p. 10, 28 Feb. 1905; Proc. Zool. Soc. London, 1: 131, 1 June 1905. Ngoye Hills, Zululand, South Africa, 250 meters.

Myosorex sclateri affinis Thomas and Schwann

Myosorex sclateri affinis Thomas and Schwann, Proc. Zool. Soc. London, 1: 262, 263, 10 Aug. 1905. Sibudeni, Zululand, Natal, 1700 meters.

MYOSOREX SCLATERI TALPINUS Thomas and Schwann

Myosorex sclateri talpinus Thomas and Schwann, Proc. Zool. Soc. London, 1: 262, 263, 10 Aug. 1905. Umvolosi, Zululand, Natal, 60 meters.

MYOSOREX SWINNYI Chubb

Myosorex swinnyi Chubb, Ann. Transvaal Mus., 1: suppl., p. 1, Oct. 1908; 182, Jan. 1909. Port St. John's district, western Pondoland, South Africa.

MYOSOREX TENUIS Thomas and Schwann

Myosorex tenuis Thomas and Schwann, Proc. Zool. Soc. London, 1: 131, 132, 1 June 1905. Zuurbron, Wakkerstroom Highlands, Transvaal.

MYOSOREX TRANSVAALENSIS Roberts

Myosorex transvaalensis Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. Koster, on edge of "high veldt," Transvaal.

MYOSOREX VARIUS VARIUS (Smuts)

Sorex varius Smuts, Enumer. Mamm. Cap., p. 108, 1832. Algoa Bay, Cape of Good Hope.

Sorex capensis Smuts, Enumer. Mamm. Cap., p. 8, 1832 (nec A. Smith, nec I. Geoffroy). Cape of Good Hope.

Sorex herpestes Duvernoy, Mém. Soc. du Mus. d'Hist. Nat. Strasbourg, 2: pt. 2–3, art. LL, p. 2, 1838. Swellendam and Winberg, Cape of Good Hope.

MYOSOREX VARIUS CAFER (Sundevall)

Sorex cafer Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. "E Caffraria interiore et Port-Natal."

PRÆSOREX Thomas

Crocidura Thomas, Ann. Mag. Nat. Hist. (7) 17: 177, Feb. 1906 (in part, not Wagler).

Præsorex Thomas, Ann. Mag. Nat. Hist. (8) 11: 320, Mar. 1913. Genotype *Crocidura goliath* Thomas.

PRÆSOREX GOLIATH (Thomas)

Crocidura goliath Thomas, Ann. Mag. Nat. Hist. (7) 17: 177, Feb. 1906. Efulen, Cameroons.

SCUTISOREX Thomas

Sylvisorex Thomas, Ann. Mag. Nat. Hist. (8) 6: 113, July 1910 (in part, not Thomas, 1904).

Scutisorex Thomas, Ann. Mag. Nat. Hist. (8) 11: 321, Mar. 1913. Genotype *Sylvisorex somereni* Thomas.

SCUTISOREX CONGICUS Thomas

Scutisorex congicus Thomas, Ann. Mag. Nat. Hist. (8) 16: 470, Dec. 1915; J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 769–784, pl. 89–92, 1917 (skeleton). Medje, Upper Ituri River, Congo Belge.

SCUTISOREX SOMERENI (Thomas)

Sylvisorex somereni Thomas, Ann. Mag. Nat. Hist. (8) 6: 113, July 1910. Kyetume, near Kampala, Uganda.

SUNCUS Hemprich and Ehrenberg

Suncus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, k, 1832. Genotype *Suncus sacer* Hemprich and Ehrenberg, see Cabrera, Journ. Mamm., 5: 131, 1924.

Sunkus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 175, 1843 (as "Div. 1" of *Sorex*).

Crocidura Wagler, Oken's Isis, p. 275, 1832 (in part); et auct. var. vet.

Pachyura de Sélys-Longchamps, Études de Micromamm., p. 32, 1839. As a subgenus of *Sorex*, type *Sorex etruscus* Savi.

Paradoxodon Wagner, Schreber's Säugthiere, Suppl., 5: 805, 1855. As a subgenus of *Sorex*; type *Sorex melanodon* Blyth, from Calcutta.

Plerodus Schulze, Helios, Abh. u. Vorträge aus Gesammtgebiete Naturwiss., 14: 90, 1897. Genotype *Crocidura suaveolens* Blasius = *Sorex etruscus* Savi.

SUNCUS CÆRULÆUS (Kerr)

Sorex cærulæus Kerr, Animal Kingdom of Linn., p. 207, 1792. "Java and the other islands of the East Indies."

Pachyura auriculata Fitzinger, Sitzb. K. Akad. Wiss. Wien, 31: 342, 1858; 57: 145, 1868. Madagascar (introduced).

Sorex mauritiana Reichenbach, Naturgesch. Raubthiere, p. 341, 1834 Mauritius (introduced).

SUNCUS CHRISEOS (Kershaw)

Pachyura chriseos Kershaw, Ann. Durban Mus., 3: 31, 31 Jan. 1921. Durban, Natal.

SUNCUS COQUERELII (Trouessart)

Crocidura (*Pachyura*) *coquerelii* Trouessart, Notes Leyden Mus., 2: 86, Apl. 1880. Island of Mayotte, northwest coast of Madagascar.

SUNCUS ETRUSCUS (Savi). Etruscan Shrew

Sorex etruscus Savi, Nuovo Giorn. de' Letterati, 1: 60, pl. 1, 1822. Pisa, Italy.

Range: Algeria (fide Coquerel, Ann. Sci. Nat., zool., (3) 9: 195, 1848), but exact records are lacking.

Suncus gracilis (Blainville)

Sorex gracilis Blainville, Ann. des Sci. Nat., zool., (2) 10: 120, 1838. Cape of Good Hope, South Africa.

Suncus gratulus (Thomas and Schwann)

Pachyura gratula Thomas and Schwann, Proc. Zool. Soc. London, for 1906, p. 781, 11 Apl. 1907. Legogot, eastern Transvaal.

Suncus infinitesimus (Heller)

Pachyura infinitesima Heller, Smithsonian Misc. Coll., 60: no. 12, p. 5, 4 Nov. 1912. Rumruti, Laikipia Plateau, Kenya Colony, 7000 feet.

Suncus leucura (Matschie)

Pachyura leucura Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 205, 1894. Zanzibar and between the coast and Lake Victoria.

Crocidura albicauda Noack, Jahrb. Hamburg. Wiss. Anst., 9: 117, 1891 (not Peters). Zanzibar.

Suncus lixus lixus (Thomas)

Crocidura (*Pachyura*) *lixa* Thomas, Proc. Zool. Soc. London, for 1897, p. 930, Apl. 1898. Nyika Plateau, northern Nyasaland.

Suncus lixus æquatorius (Heller)

Pachyura lixa æquatoria Heller, Smithsonian Misc. Coll., 60: no. 12, p. 4, 4 Nov. 1912. Summit of Mt. Sagalla, Taita Hills, Kenya Colony, 4000 feet.

Suncus madagascariensis (Coquerel)

Sorex madagascariensis Coquerel, Ann. des Sci. Nat., zool., (3) 9: 194, pl. 11, f. 1, 1a–1d, 1f, 1848. Madagascar.

Suncus orangiæ (Roberts)

Pachyura orangiæ Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. Angra Pequina, Bothaville district, Orange Free State, South Africa.

Suncus sacer Hemprich and Ehrenberg.

Suncus sacer Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, Sep. 1832. Suez, Egypt, "in domibus oppidi."

Sorex crassicaudus Hemprich and Ehrenberg in Lichtenstein's Darstellung neuer oder wenig bekannt. Säugeth., pl. 40, f. 1 and text of pt. 7, 1834. Region about Suez, Egypt.

Sorex indicus var. *cinereo-ænea* Rüppell, Mus. Senckenberg., 3: 133, 1842. Coast of Shoa, Abyssinia.

SUNCUS VARILLA VARILLA (Thomas)

Crocidura (*Pachyura*) *varilla* Thomas, Ann. Mag. Nat. Hist. (6) 16: 54, July 1895. East London, Cape of Good Hope.

SUNCUS VARILLA MINOR G. M. Allen and Loveridge

Suncus varilla minor G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 57, Feb. 1933. Kitungulu, Urungu, Tanganyika Territory.

SUNCUS WARRENI Roberts

Suncus warreni Roberts, Ann. Transvaal Mus., 13: 84, 6 July 1929. Doorn River, van Rhynsdorp district, Cape Colony, South Africa.

SURDISOREX Thomas

Surdisorex Thomas, Ann. Mag. Nat. Hist. (7) 18: 223, Sep. 1906. Genotype *Surdisorex noræ* Thomas.

SURDISOREX NORÆ Thomas

Surdisorex noræ Thomas, Ann. Mag. Nat. Hist. (7) 18: 223, Sep. 1906. East side of Aberdare Range, near Nyeri, Kenya Colony.

SURDISOREX POLULUS Hollister

Surdisorex polulus Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 1, 10 Feb. 1916. West side of Mount Kenya, Kenya Colony, 10,700 feet.

SYLVISOREX Thomas. Forest Shrews

Sylvisorex Thomas, Abstract Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905. Genotype *Crocidura morio* Gray.

Crocidura Gray, Proc. Zool. Soc. London, p. 180, Sep. 1862 (in part; not Wagler).

Myosorex Dobson, Proc. Zool. Soc. London, for 1887, p. 575, Apl. 1888 (in part; not Gray).

SYLVISOREX GRANTI GRANTI Thomas

Sylvisorex granti Thomas, Ann. Mag. Nat. Hist. (7) 19: 118, Jan. 1907; Trans. Zool. Soc. London, 19: 492, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 10,000 feet.

SYLVISOREX GRANTI MUNDUS Osgood

Sylvisorex mundus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 18, 7 Apl. 1910. Kijabe, Kenya Colony.

Sylvisorex granti mundus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 220, 28 Dec. 1936. Doubtfully distinguishable.

Sylvisorex johnstoni (Dobson)

Myosorex johnstoni Dobson, Proc. Zool. Soc. London, for 1887, p. 577, text-fig. (skull), Apl. 1888. Rio del Rey, Cameroons.

Range: Cameroons and Fernando Po.

Sylvisorex lunaris Thomas

Sylvisorex lunaris Thomas, Ann. Mag. Nat. Hist. (7) 18: 139, Aug. 1906; Trans. Zool. Soc. London, 19: 492, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 12,500 feet.

Sylvisorex morio (Gray)

Crocidura morio Gray, Proc. Zool. Soc. London, p. 180, Sep. 1862. Cameroon Mountains, southern Nigeria.

Sylvisorex ollula Thomas

Sylvisorex ollula Thomas, Ann. Mag. Nat. Hist. (8) 11: 321, Mar. 1913. Bitye, Ja River, Cameroons, 2000 feet.

Sylvisorex oriundus Hollister

Sylvisorex oriundus Hollister, Bull. Amer. Mus. Nat. Hist., 35: 672, pl. 7, f. 7; pl. 9, f. 4, 4a; pl. 11, f. 1, 21 Oct. 1916. Medje, Nava River, Congo Belge.

Sylvisorex preussi (Matschie)

Myosorex preussi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 177, 1893. Buea, Cameroon Mountains area, southern Nigeria.

Sylvisorex ruandæ Lönnberg and Gyldenstolpe

Sylvisorex ruandæ Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 1, 2 May 1925. Mount Sabinio, Birunga Volcanoes, Congo Belge.

Sylvisorex megalura (Jentink)

Pachyura megalura Jentink, Notes Leyden Mus., 10: 48, Apl. 1888. Schieffelinsville, Junk River, Liberia.

Sylvisorex megalura Thomas, Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905.

Sylvisorex sorella sorella (Thomas)

Myosorex (?) sorella Thomas, Proc. Zool. Soc. London, for 1897, p. 930, 1 Apl. 1898. Masuku Plateau, Nyasaland.

Sylvisorex sorella angolensis Roberts

Sylvisorex angolensis Roberts, Ann. Transvaal Mus., 13: 84, 6 July 1929. Mombola, Angola.

Sylvisorex sorella angolensis Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

Sylvisorex sorella gemmeus Heller

Sylvisorex gemmeus Heller, Smithsonian Misc. Coll., 56: no. 15, p. 7, 23 Dec. 1910. Rhino Camp, Lado Enclave, Sudan.

Sylvisorex sorella gemmeus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

Sylvisorex sorella infuscus Thomas

Sylvisorex gemmeus infuscus Thomas, Ann. Mag. Nat. Hist. (8) 16: 152, Aug. 1915. Bitye, Ja River, southern Cameroons.

Sylvisorex sorella infuscus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

Sylvisorex sorella irene Thomas

Sylvisorex gemmeus irene Thomas, Ann. Mag. Nat. Hist. (8) 16: 151, Aug. 1915. Kaganbah, Uganda, 1600 meters.

Sylvisorex sorella irene Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Doubtfully distinct from *S. s. gemmeus* Heller.

Range: Southern Uganda and Upper Ituri, Uele.

Sylvisorex sorella phæopus Osgood

Sylvisorex sorella phæopus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Near Dungulbar, southwest side of Lake Tana, Ethiopia.

Sylvisorex sorella sheppardi Kershaw

Sylvisorex gemmeus sheppardi Kershaw, Ann. Durban Mus., 3: 32, 31 Jan. 1921. Vumba, Gorongoza Province, Portuguese East Africa.

Sylvisorex sorella sheppardi Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936.

Sylvisorex sorella sorelloides Lönnberg

Sylvisorex sorelloides Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 67, Jan. 1912; Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, 51, pl. 3, f. 1 (col.), 1912. Steppe near Itiolu River, northern Guaso Nyiro, Kenya Colony.

Sylvisorex sorella sorelloides Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 219, 28 Dec. 1936. Doubtfully distinct from *S. s. gemmeus* Heller.

Sylvisorex suncoides Osgood

Sylvisorex suncoides Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 217, 28 Dec. 1936. Kalongi, western slope of Mt. Ruwenzori, Congo Belge.

Order CHIROPTERA. Bats

Suborder Megachiroptera

Family PTEROPIDÆ. Fruit Bats

Subfamily Pteropinæ

Revision: Andersen, Knud. Catalogue of the Chiroptera in the collection of the British Museum. Second edition. Vol. 1, Megachiroptera. 8vo, London (British Mus.), ci + 854 + 30 pp., 79 text-ff., 1912.

Casinycteris Thomas

Casinycteris Thomas, Ann. Mag. Nat. Hist. (8) 6: 111, July 1910. Genotype *Casinycteris argynnis* Thomas.

Casinycteris argynnis Thomas

Casinycteris argynnis Thomas, Ann. Mag. Nat. Hist. (8) 6: 111, July 1910. Bitye, Ja River, Cameroons.

Eidolon Rafinesque. Straw-colored Fruit Bat

Eidolon Rafinesque, Analyse de la Nature, p. 54, 1815. Genotype *Eidolon helvum* (Kerr).

Pterocyon Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin p. 423, 1861. Genotype *Pterocyon paleaceus* Peters = *Eidolon helvum* (Kerr).

Cynonycteris Dobson, Cat. Chiropt. Brit. Mus., p. 70, 1878 (in part) et auct. al.

Leiponyx Jentink, Notes Leyden Mus., 3: 60, Apl. 1881. Genotype *Leiponyx büttikoferi* Jentink.

Liponyx Forbes, Zool. Rec., 18: Mamm., p. 13, 1882 (emendatio), not *Liponyx* Vieillot, 1816, in Birds.

Xantharpyia Matschie, Megachiroptera Berlin. Mus., p. 63, 1899 (in part).

Eidolon dupreanum (Pollen)

Pteropus dupréanus Pollen, in Schlegel and Pollen, Proc. Zool. Soc. London, for 1866, p. 419, Apl. 1867. [Northwestern Madagascar.]

Range: Madagascar.

Eidolon helvum helvum (Kerr)

Vespertilio vampyrus helvus Kerr, Linnæus's Animal Kingdom, 1: pt. 1, p. xvii, 91, 1792. No locality.

Vespertilio vampyrus var. C, Schreber, Säugthiere, 1: 154, 1774; var. γ Gmelin, Linnæus's Syst. Nat., ed. 13, 1: 45, 1788. Africa occidentali, etc.

Pteropus stramineus E. Geoffroy, Cat. Mamm. du Mus. National Hist. Nat., Paris, p. 48, 1803. No locality.

Vespertilio caninus, var. b, Goldfuss, Vergl. Naturbeschr., Säug., p. 98, 1809 (not *V. caninus* Blumenbach).

Pterocyon paleaceus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 423, 1861. Africa.

Pteropus mollipilosus H. Allen, Proc. Acad. Nat. Sci. Philadelphia, for 1861, p. 159, 1862. Gaboon.

Pteropus palmarum Heuglin, Leopoldina (Halle), 5: 34, June 1865. Middle and Upper Nile.

Xantharpyia leucomelas Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, pt. 10, p. 544, 1866. Sennaar, Bahr-el-Abiad, Bahr-el-Azrak, Kordofan.

Leiponyx büttikoferi Jentink, Notes Leyden Mus., 3: 59, Apl. 1881. Millsburg, St. Paul's River, Liberia.

Range: Somaliland, Sennaar and Senegambia to Nyasaland, Mashonaland and Namaqualand.

Epomophorus Bennett

Epomophorus Bennett, Proc. Zool. Soc. London, for 1835, p. 149, 12 Feb. 1836; Trans. Zool. Soc. London, 2: 33, 2 Oct. 1836. Genotype *Pteropus whitei* vel *epomophorus* Bennett = *gambianus* Ogilby.

Epomophorus angolensis Gray

Epomophorus macrocephalus var. *angolensis* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 125, 1870. Angola.

Epomophorus anurus Heuglin

Epomophorus anurus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 31: no. 7, p. 12, 1864. Bongo, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Epomophorus doriæ Matschie, Megachiroptera Berlin. Mus., p. 54, 1899. Bogos Country, Eritrea.

Epomophorus crypturus Peters

Epomophorus crypturus Peters, Reise nach Mossambique, Säugethiere, p. 26, pl. 5; pl. 13, f. 1–6, 1852. Tette, Portuguese East Africa, 17° S.

Range: Transvaal, Zambesi and Limpopo valleys north to Nyasa and Katanga.

Epomophorus gambianus (Ogilby)

Pteropus gambianus Ogilby, Proc. Zool. Soc. London, p. 100, 9 Oct. 1835. Gambia.

Pteropus macrocephalus Ogilby, Proc. Zool. Soc. London, p. 101, 9 Oct. 1835. Gambia.

Pteropus epomophorus Bennett, Proc. Zool. Soc. London, p. 149, 12 Feb. 1836. Gambia.

Pteropus whitei Bennett, Trans. Zool. Soc. London, 2: pt. 1, p. 37, pl. 6; pl. 7 (structure of hair), 2 Oct. 1836. Gambia.

Epomophorus guineensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 136, f. 3, June 1898. Bolama, Portuguese Guinea.

Epomophorus zechi Matschie, Megachiroptera Berlin. Mus., p. 46, pl. 10, f. 3 a-c, 1899. Lectotype from Kunjuruma, Togoland, = Dahomey.

Range: Senegal to Nigeria and east to Sennaar and southern Abyssinia.

Epomophorus labiatus labiatus (Temminck)

Pteropus labiatus Temminck, Monogr. de Mammalogie, 2: 83, pl. 39, 1837. "Abyssinia," i.e. Sennaar.

Pteropus schoënsis Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: 131, 1842. Shoa.

Epomophorus schovanus Heuglin, Reise in Nordost-Afrika, 2: 18, 1877 (emendation).

Range: Sennaar, Abyssinia, Shoa.

Epomophorus labiatus minor Dobson

Epomophorus minor Dobson, Proc. Zool. Soc. London, for 1879, p. 715, Apl. 1880. Zanzibar.

Range: Shoa south to Tanganyika Territory.

Epomophorus pousarguesi Trouessart

Epomophorus pousarguesi Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 55, 1904. Based on *E. macrocephalus* Pousargues (not Ogilby), in Ann. Sci. Nat., zool. (8) 3: 253, 1896. Shari region, eastern Congo Belge.

Epomophorus wahlbergi wahlbergi (Sundevall)

Pteropus wahlbergi Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 118, 1846. Near Port Natal and in interior of Caffraria.

Epomophorus macrocephalus var. *unicolor* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 125, 1870. Shupanga, Zambesia, South Africa.

Epomophorus stuhlmanni Matschie, Megachiroptera Berlin. Mus., p. 50, 1899 (in part). Lectotype from Vikindo, Usaramo, Tanganyika Territory.

Range: Kenya Colony, Mt. Kenya, south through Tanganyika Territory to eastern Cape Colony.

Epomophorus wahlbergi haldemani (Halowell)

Pteropus haldemani Halowell, Proc. Acad. Nat. Sci. Philadelphia, 3: 52, 1846. West Africa [? Liberia].

Epomophorus zenkeri Matschie, Megachiroptera Berlin. Mus., p. 46, 1899. Lower Guinea, lectotype from Chinchoxo, Cabinda, Angola.

Epomophorus neumanni Matschie, Megachiroptera Berlin. Mus., p. 50, 1899. Lectotype from Mombasa, Kenya Colony.
Range: Cameroons to Benguela, east to Kenya Colony and Tanganyika Territory.

Epomops Gray. Epaulet Bats

Epomophorus Tomes, Proc. Zool. Soc. London, p. 44, Feb.-May 1860 (in part).
Epomops Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 126, 1870. Genotype *Epomophorus franqueti* Tomes.

Epomops büttikoferi (Matschie)
Epomophorus büttikoferi Matschie, Megachiroptera Berlin. Mus., p. 45, 1899. Schieffelinsville, Junk River, Liberia.
Range: Liberia and Sierra Leone.

Epomops dobsonii (Bocage)
Epomophorus dobsonii Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 1, 14, fig., Mar. 1889. Quindumbo, Benguela, Angola.
Range: Angola to Katanga.

Epomops franqueti franqueti (Tomes)
Epomophorus franqueti Tomes, Proc. Zool. Soc. London, p. 54, pl. 75 (col.), Feb.-May 1860. Gaboon.
Epomophorus comptus H. Allen, Proc. Acad. Nat. Sci. Philadelphia, for 1861, p. 158, 1862. "W. Africa," = Gaboon.
Range: Old Calabar to Loanda, east to the great lakes.

Epomops franqueti strepitans K. Andersen
Epomops franqueti strepitans K. Andersen, Ann. Mag. Nat. Hist. (8) 5: 106, 3 Jan. 1910. Asaba, southern Nigeria.
Range: Gold Coast to southern Nigeria.

Hypsignathus H. Allen. Hammer-headed Bats

Hypsignathus H. Allen, Proc. Acad. Nat. Sci. Philadelphia, p. 156, July 1861. Genotype *Hypsignathus monstrosus* H. Allen.
Sphyrocephalus A. Murray, Proc. Zool. Soc. London, p. 8, June 1862. Genotype *Sphyrocephalus labrosus* Murray = *Hypsignathus monstrosus* H. Allen.
Zygænocephalus A. Murray, Proc. Zool. Soc. London, pl. 1, June 1862. Genotype *Zygænocephalus labrosus* Murray = *Hypsignathus monstrosus* H. Allen.

Hypsignathus monstrosus H. Allen
Hypsignathus monstrosus H. Allen, Proc. Acad. Nat. Sci. Philadelphia, p. 157, July 1861. "West Africa," = Gaboon.

Sphyrocephalus labrosus A. Murray, Proc. Zool. Soc. London, p. 8, June, 1862. Old Calabar River.

Zygænocephalus labrosus A. Murray, Proc. Zool. Soc. London, pl. 1 (not text), June, 1862. Old Calabar River.

Range: Gambia, and Fernando Po, to Ogowe, and east to Monbuttu, Congo Belge.

Micropteropus Matschie. Dwarf Epaulet Bat

Micropteropus Matschie, Megachiroptera Berlin. Mus., pp. 36, 57, 1899. As a subgenus of *Epomophorus;* type *Epomophorus pusillus* Peters.

Epomophorus Tomes, Proc. Zool. Soc. London, p. 42, Feb.-May 1860 (in part), et auct. al.

Micropteropus pusillus (Peters)

Epomophorus pusillus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 870, 1867. Yoruba, southern Nigeria.

Range: Gambia to Loanda, east to Bahr-el-Ghazal and east side of Victoria Nyanza.

Myonycteris Matschie

Myonycteris Matschie, Megachiroptera Berlin. Mus., pp. 61, 63, 1899. As a subgenus of *Xantharpyia;* type *Cynonycteris torquata* Dobson.

Cynonycteris Dobson, Cat. Chiroptera Brit. Mus., p. 71, 1878 (in part).

Rousettus Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 59, 1904 (in part).

Xantharpyia Matschie, Megachiroptera Berlin. Mus., p. 65, 1899 (in part).

Subgenus Myonycteris Matschie

Myonycteris leptodon K. Andersen

Myonycteris leptodon K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 450, Nov. 1908. Sierra Leone.

Range: Sierra Leone and Liberia.

Myonycteris torquata (Dobson)

Cynonycteris torquata Dobson, Cat. Chiroptera Brit. Mus., pp. 71, 76, pl. 5, f. 1, June 1878. Angola.

Cynopterus collaris Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 123, 1870 (not Kolenati; not Geoffroy). "W. Africa" = Lower Congo; Angola.

Myonycteris wroughtoni K. Andersen

Myonycteris wroughtoni K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 450, Nov. 1908. River Likand, Uele district, northeastern Congo Belge.

Subgenus Phygetis K. Andersen

Phygetis K. Andersen, Cat. Chiroptera Brit. Mus., 1: 579, 1912. As a subgenus; type *Cynonycteris brachycephala* Bocage.

Myonycteris brachycephala (Bocage)

Cynonycteris brachycephala Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 198, Dec. 1889. Island of San Thomé, Gulf of Guinea.

Nanonycteris Matschie

Nanonycteris Matschie, Megachiroptera Berlin. Mus., pp. 36, 58, 1899. As a subgenus of *Epomophorus;* type *Epomophorus veldkampii* Jentink.

Epomophorus Jentink, Notes Leyden Mus., 10: 51, Apl. 1888 (in part).

Nanonycteris veldkampii (Jentink)

Epomophorus veldkampii Jentink, Notes Leyden Mus., 10: 51, Apl. 1888. Buluma, Fisherman Lake, Liberia.

Range: Liberia and Gold Coast to southern Nigeria.

Plerotes K. Andersen

Plerotes K. Andersen, Ann. Mag. Nat. Hist. (8) 5: 97, 3 Jan. 1910. Genotype *Epomophorus anchietæ* Seabra.

Plerotes anchietæ (Seabra)

Epomophorus anchietæ Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 116, Aug. 1900; (2) 5: 166, pl. 1, fig. 3 (palate ridges) no specific name given, June 1898. Galanga, Benguela, Angola.

Pteropus Brisson. Flying Foxes

Pteropus Brisson, Règne Animal, ed. 2, pp. 13, 153, 1762. Genotype *Pteropus niger* (Kerr).

Spectrum Lacépède, Tabl. Mamm., p. 15, 1799 (not *Spectrum* Scopoli, 1777, Lepidoptera). Genotype *Pteropus niger* (Kerr).

Eunycteris Gray, Proc. Zool. Soc. London, p. 64, May 1866. Genotype *Pteropus phaiops* Temminck = *Pteropus melanopogon* Peters.

Pselaphon Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 110, 1870. Genotype *Pteropus pselaphon* Layard.

Sericonycteris Matschie, Megachiroptera Berlin. Mus., pp. 6, 30, 1899. As a subgenus of *Pteropus;* type *Pteropus subniger* (Kerr).

Desmalopex Miller, Bull. U. S. Nat. Mus., no. 57, p. 60, 29 June 1907. Genotype *Pteropus leucopterus* Temminck.

PTEROPUS ALDABRENSIS True

Pteropus aldabrensis True, Proc. U. S. Nat. Mus., 16: 533, 14 July 1893. Aldabra Island.

Range: Aldabra Island, north of Comoro group.

PTEROPUS COMORENSIS Nicoll

Pteropus comorensis Wallace, Island Life, p. 400, 1880 (nomen nudum). Nicoll, Three Voyages of a Naturalist, pp. 87, 88, 90, 1908. Comoro Islands.

PTEROPUS LIVINGSTONII Gray

Pteropus livingstonii Gray, Proc. Zool. Soc. London, p. 66, May 1866. Johanna Island, Comoro group.

PTEROPUS NIGER (Kerr)

Vespertilio vampirus niger Kerr, Linnæus's Animal Kingdom, 1: xvii, 90, 1792. No locality.

Vespertilio caninus Blumenbach, Handbuch Naturg., ed. 5, p. 73, 1797 (in part; not of Wied).

Spectrum vampirus Lacépède, Tabl. Mammifères, p. 15, 1799; Daudin, in Buffon's Hist. Nat., Quadrupèdes, Didot ed., 14: 188, 1802. "L'île de Bourbon" = Mauritius.

Pteropus fuscus E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 46, 1803. Réunion and Madagascar.

Vespertilio mauritianus Hermann, Observationes Zool., p. 19, 1804. Mauritius.

Pteropus vulgaris E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 92, 1810. Réunion and Madagascar.

Pteropus pteropus Merriam, ex Brisson, Science, n. ser., 1: 376, 5 Apl. 1895.

Range: The Mascarene Islands, Réunion and Mauritius.

PTEROPUS RODRICENSIS Dobson

Pteropus rodricensis Dobson, Cat. Chiroptera Brit. Mus., p. 36, 1878. Island of Rodriguez.

Pteropus mascarinus Mason, Ann. Mag. Nat. Hist. (7) 20: 221, Sept. 1907. Round Island (La Ronde), 15 miles northeast of Mauritius.

PTEROPUS RUFUS RUFUS E. Geoffroy

Pteropus rufus E. Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 47, 1803. Madagascar.

Pteropus edwardsii E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 92, 1810. Madagascar (renaming of *P. rufus*).

Pteropus madagascariensis Oken, Lehrbuch d. Naturgesch., pt. 3: sect. 2, p. 936, 1816. Madagascar (renaming of *P. edwardsii*).

Pteropus phaiops Temminck, Monogr. Mammal., 1: 178, 1825. Madagascar.

Range: Northern and central Madagascar.

PTEROPUS RUFUS PRINCEPS K. Andersen

Pteropus rufus princeps K. Andersen, Ann. Mag. Nat. Hist. (8) 2: 367, Oct. 1908. Ft. Dauphin, Madagascar.

Range: Southern Madagascar.

PTEROPUS SEYCHELLENSIS Milne-Edwards

Pteropus seychellensis Milne-Edwards, Bull. Soc. Philom. Paris, (7) 2: 221, 1877. Seychelles Ids.

Range: Seychelles Islands.

PTEROPUS SUBNIGER (Kerr)

Vespertilio vampyrus subniger Kerr, Linnæus's Animal Kingdom, 1: xvii, 91, 1792. No locality.

Pteropus collaris Illiger, Abhandl. K. Preuss. Akad. Wiss., Berlin, 1804–11, p. 78, 84, 1815.

Pteropus fuscus Desmarest, Nouv. Dict. d'Hist. Nat., 19: 544, 1803 (not E. Geoffroy). Réunion.

Pteropus torquatus G. Fischer, Zoognosia, 3: 553, 1814.

Spectrum rubidum Daudin, in Buffon, Hist. Nat., Quadrupèdes, Didot ed., 14: 188, 1802. (?)

Pteropus rubricollis E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 15: 93, 1810. Réunion Id.

Range: The Mascarene Islands, Réunion and Mauritius.

PTEROPUS VOELTZKOWI Matschie

Pteropus (*Spectrum*) *voeltzkowi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 486, Oct. 1909. Fufuni, Pemba Island, off coast of Tanganyika Territory.

Range: Pemba Island.

ROUSETTUS Gray. Rousette Bats

Subgenus ROUSETTUS Gray

Rousettus Gray, London Medical Repository, 15: 299, 1 Apl. 1821. Genotype *Pteropus ægyptiacus* E. Geoffroy.

Cercopteropus Burnett, Quart. Journ. Sci., Lit. and Art, pt. 1, p. 269, Apl-June, 1829. Genotype *Pteropus ægyptiacus* E. Geoffroy.

Xantharpyia Gray, List Spec. Mamm. Brit. Mus., pp. xix, 37, 13 May 1843. Genotype *Pteropus amplexicaudatus* E. Geoffroy.

Eleutherura Gray, List. Spec. Mamm. Brit. Mus., p. xix, 13 May 1843 (nomen nudum); Voyage "Sulphur," 1: 29, 1844. Genotype *Pteropus leachii* A. Smith.

Senonycteris Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 115, 1870. As a subgenus of *Xantharpyia;* type *Pteropus seminudus* Kelaart.

Cynonycteris Peters, Reise nach Mossambique, Säugeth., p. 25, 1852. Genotype *Pteropus collaris* Illiger = *Pteropus leachii* A. Smith.

Rousettus ægyptiacus (E. Geoffroy)

Pteropus egyptiacus E. Geoffroy, Ann. Mus. d' Hist. Nat., Paris, 15: 96, 1810 (misprint); corrected to *ægyptiacus* in Descrip. de l'Egypte, Hist. Nat., 2: 134, pl. 3, f. 2, 1818. From the Great Pyramid, Gizeh, Egypt.

Pteropus geoffroyi Temminck, Monogr. Mamm., 1: 197, pl. 15, f. 14, 15, 1825. Senegal and probably north coast of Africa.

Eleutherura unicolor Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 117, 1870. Gaboon.

Range: Loando and Gaboon to Palestine and Cyprus.

Rousettus leachii (A. Smith)

Pteropus collaris Lichtenstein, Verzeichn. Doubl. Mus. Berlin, pp. 3, 5, 1823 (in part), not Illiger. Terra Caffrorum.

Pteropus leachii A. Smith, Zool. Journ., 4: 433, May 1829. "Gardens about Cape Town," South Africa.

Pteropus hottentottus Temminck, in Smuts, Enum. Mamm. Cap., p. 3, 1832. Capetown, Cape Province.

Rousettus sjöstedti Lönnberg, Wiss. Ergebn. Swedischen Zool. Exp. u. Leitung Sjöstedt, Kilimandjaro-Meru, 1: no. 2, p. 7, 1910. Mkulumusi caves, near Tanga, Tanganyika Territory.

Range: Cape Colony northeastward to Kenya Colony.

Subgenus Stenonycteris Andersen

Stenonycteris Andersen, Cat. Chiroptera Brit. Mus., 1: 23, 1912. Type *Rousettus lanosus* Thomas.

Rousettus kempi Thomas

Rousettus kempi Thomas, Ann. Mag. Nat. Hist. (8) 4: 543, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

Range: Mt. Elgon to Shoa.

Rousettus lanosus Thomas

Rousettus lanosus Thomas, Ann. Mag. Nat. Hist. (7) 18: 137, Aug. 1906; Trans. Zool. Soc. London, 19: 486, pl. 20 (col.), Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 13,000 feet.

Range: Ruwenzori.

Rousettus madagascariensis G. Grandidier

Rousettus madagascariensis G. Grandidier, Bull. Acad. Malgache, 11: 91, pl., 4 text-figs. (skull), 1928. Beforona, between Tananarive and Andevoranto, eastern Madagascar.

Subgenus Lissonycteris Andersen

Lissonycteris Andersen, Cat. Chiroptera Brit. Mus., 1: 23, 1912. Subgenus of *Rousettus*; type *Rousettus angolensis* (Bocage).

Rousettus angolensis (Bocage)

Cynonycteris angolensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 133, 138, text-f., June 1898. Pungo Andongo, Cahata, Quibula, Angola.

Range: Angola and Cameroons east to Kenya Colony and Tanganyika Territory.

Rousettus crypticola Cabrera

Rousettus crypticola Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 20: 106, Mar. 1920. Cave of San Fernando, Basile, Fernando Po.

Rousettus smithii Thomas

Rousettus smithii Thomas, Ann. Mag. Nat. Hist. (8) 2: 375, Oct. 1908. Sierra Leone.

Range: Sierra Leone to southern Nigeria.

Scotonycteris Matschie

Scotonycteris Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 200, 1894. Genotype *Scotonycteris zenkeri* Matschie.

Scotonycteris zenkeri Matschie

Scotonycteris zenkeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 202, 1894. Yaunde, southern Cameroons.

Scotonycteris bedfordi Thomas, Abstract Proc. Zool. Soc. London, no. 4, p. 14, 8 Mar. 1904; Proc. Zool. Soc. London, 1: 372, 2 Aug. 1904. Fish Town, Fernando Po.

Subfamily MACROGLOSSINÆ. Long-tongued Fruit Bats

Megaloglossus Pagenstecher

Megaloglossus Pagenstecher, Zool. Anzeiger, 8: 245, 27 Apl. 1885. Genotype *Megaloglossus woermanni* Pagenstecher.

Trygenycteris Lydekker, in Flower and Lydekker, Mammals Living and Extinct, p. 655, 1891. Genotype *Megaloglossus woermanni;* proposed to replace *Megaloglossus*, thought to be preoccupied by *Megaglossa* Rondani, 1865 (Diptera).

Megaloglossus woermanni Pagenstecher

Megaloglossus woermanni Pagenstecher, Zool. Anzeiger, 8: 245, 27 Apl. 1885; Jahrb. Wiss. Anst. Hamburg, 2: 123, pl., 1885. Sibange Farm, Gaboon.

Range: Liberia to Cameroons and lower Congo.

Suborder MICROCHIROPTERA

Family RHINOPOMIDÆ. Mouse-tailed Bats

Rhinopoma Oken

Rhinopoma Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 926, 1816; E. Geoffroy, Descrip. de l'Egypte, 2: 113, 1818 (see Lyon, M. W., Jr., Proc. Biol. Soc. Washington, 27: 217, 1914). Genotype *Vespertilio microphyllus* Brünnich.

Rhinopomus Gervais, Hist. Nat. des Mammifères, p. 202, 1854 (lapsus). Genotype *Vespertilio microphyllus* Brünnich.

Rhynopoma Bowditch, Anal. Nat. Class. Mamm., p. 30, 1821. Genotype *Vespertilio microphyllus* Brünnich.

Review: Thomas, O. On the species of the genus *Rhinopoma*. Ann. Mag. Nat. Hist. (7) 11: 496–499, May 1903.

Rhinopoma cystops cystops Thomas

Rhinopoma cystops Thomas, Ann. Mag. Nat. Hist. (7) 11: 496, May 1903. Luxor, Egypt.

Range: Egypt and Sudan west to Aïr, Sahara.

Rhinopoma cystops macinnesi Hayman

Rhinopoma cystops macinnesi Hayman, Ann. Mag. Nat. Hist. (10) 19: 530, May 1937. Bat Island, near Central Island, Lake Rudolf.

Rhinopoma microphyllum (Brünnich)

Vespertilio microphyllus Brünnich, Dyrenes Historie og Dyre-Samlingen udi Univ. Natur-Theater, 1: 50, pl. 6, f. 1–4, 1782. Arabia and Egypt.

Rhinopoma sennaariense Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, 547, 1866 (nomen nudum). Sennaar and Fazogli, near Roseires, Anglo-Egyptian Sudan.

Rhinopoma longicaudatum Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, 547, 1866 (nomen nudum). Sennaar.

Rhinopoma lepsianum Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 222, 1859. Blue Nile.

For Herrn Lepsius.

Rhinopoma cordofanicum Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, 547, 1866 (nomen nudum); Heuglin, Reise Nordost-Afrika, 2: 24, 1877 (nomen validum).

Family EMBALLONURIDÆ. Sheath-tailed Bats

Emballonura Temminck

Emballonura Temminck, van der Hoeven's Tijdschr. Nat. Gesch. en Physiol., 5: 22, 1838. Genotype, by elimination, *Emballonura monticola* Temminck.

Emballonura atrata Peters

Emballonura atrata Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 693, 1874. Interior of Madagascar.

Range: Madagascar and adjacent island of Nossi-Bé.

Coleura Peters

Coleura Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 479, 1867. Genotype *Emballonura afra* Peters.

Review: Thomas, O. Notes on bats of the genus *Coleura*. Ann. Mag. Nat. Hist. (8) 15: 576–579, 1915.

Coleura afra (Peters)

Emballonura afra Peters, Reise nach Mossambique, Säugethiere, p. 51, pl. 12; pl. 13, f. 18, 19, 1852. Tette, Portuguese East Africa.

Coleura gallarum gallarum Thomas

Coleura gallarum Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Zeyla, British Somaliland.

Range: Somaliland; Aden, Arabia.

Coleura gallarum nilosa Thomas

Coleura gallarum nilosa Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Upper Nile, near mouth of Bahr-el-Zeraf, Sudan.

Range: Upper Nile to northeastern Congo Belge.

Coleura seychellensis Peters

Colëura seychellensis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1868, p. 367, 1869. Seychelles Ids.

Range: Seychelles group (? and Zanzibar).

Coleura silhouettæ Thomas

Coleura silhouettæ Thomas, Ann. Mag. Nat. Hist. (8) 15: 576, June 1915. Silhouette Island, Seychelles group.

Taphozous E. Geoffroy. Tomb Bats

Taphozous E. Geoffroy, Description de l'Egypte, 2: 113, 1818. Genotype *Taphozous perforatus* Geoffroy. Oken, Lehrbuch d. Naturg., pt. 3, zool., sect. 2, p. 926, 1816, is by some considered an authority.

Taphozous hamiltoni Thomas

Taphozous hamiltoni Thomas, Ann. Mag. Nat. Hist. (9) 5: 142, Jan. 1920. Mongalla, Sudan.

Taphozous hildegardeæ Thomas

Taphozous hildegardeæ Thomas, Ann. Mag. Nat. Hist. (8) 4: 98, Aug. 1909. Rabai, Mombasa district, Kenya Colony.

Taphozous mauritianus mauritianus E. Geoffroy

Taphozous mauritianus E. Geoffroy, Description de l'Egypte, 2: 127, 1818. Island of Mauritius.

Taphozous leucopterus Temminck, Monogr. de. Mammalogie, 2: 284, pl. 60, f. 7, 1835–41. Interior of South Africa.

Taphozous dobsoni Jentink, Notes Leyden Mus., 1: 123, Apl. 1879. Mahambo, Madagascar.

Taphozous mauritianus cinerascens Seabra

Taphozous maritianus (sic) *cinerascens* Seabra, Jorn. de Sci. Math., Phys. e Nat., Lisboa, (2) 6: 77, Aug. 1900. Benguella, Angola (? valid race).

Taphozous perforatus perforatus E. Geoffroy

Taphozous perforatus E. Geoffroy, Description de l'Egypte, 2: 126, 1818. Egypt.

Taphozous perforatus hædinus Thomas

Taphozous perforatus hædinus Thomas, Journ. Bombay Nat. Hist. Soc., 24: 62, 30 Sept. 1915. Chanler Falls, northern Guaso Nyiro, Kenya Colony. Range: Kenya Colony to Aden.

Taphozous senegalensis Desmarest

Taphozous senegalensis Desmarest, Encyclop. Méthodique, Mammalogie, 1: 130, 1820. Senegal (based on "le lérot-volant" of Daubenton, Mém. Acad. Paris, p. 386, 1759).

Taphozous sudani Thomas

Taphozous sudani Thomas, Ann. Mag. Nat. Hist. (8) 15: 561, June 1915. Mongalla, north of Lado, Upper Nile, Sudan.

Liponycteris Thomas

Liponycteris Thomas, Ann. Mag. Nat. Hist. (9) 9: 266, Mar. 1922. Genotype *Taphozous nudiventris* Cretzschmar.

Liponycteris nudiventris (Cretzschmar)

Taphozous nudiventris Cretzschmar in Rüppell's Atlas, Reise Nord-ost Afrika, Säugethiere, p. 70, fig. 27b, 1826.

Taphozous nudiventer Temminck, Monogr. de Mammalogie, 2: 280, 1835–41 (lapsus cal.).

Nycticejus serratus Heuglin, Reise in Nordost-Afrika, 2: 35, 1877. "Scherq el Aqabah," on the Araschkol and nearby mountains, ?Abyssinia.

Taphozous perforatus var. *assabensis* Monticelli, Ann. Accad. Aspir. Nat., Napoli, 1: 78, pl. 7, 1885. Assab, Eritrea. A synonym of *perforatus* fide Monticelli, but Senna, A., 1905, who examined the type says it is *T. nudiventris*.

Saccolaimus Lesson

Saccolaimus Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 19, 1842 (published as a syn. of *Taphozous*), a nomen nudum; Gray, Ann. Mag. Nat. Hist., (3) 17: 92, Feb. 1866 (no type designated); Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 61: sect. 1, 483, Apl. 1870. Genotype *Taphozous saccolaimus* Temminck.

Taphonycteris Dobson, Proc. Zool. Soc. London, p. 548, 1875. As a subgenus of *Taphozous* for *Taphozous saccolaimus*, *T. affinis* and *T. peli*.

Saccolaimus peli (Temminck)

Taphozous peli Temminck, Esquisses zool. sur la côte de Guiné, p. 82, 1853. Boutry River, Gold Coast.

Family NYCTERIDÆ. Hollow-faced Bats

Nycteris G. Cuvier and E. Geoffroy

Nycteris Cuvier and Geoffroy, Méthode Mammalogique, in Mag. Encyclopédique, 1 année, 2: 186, 1795; Geoffroy, Cat. Mamm. Mus. National d'Hist. Nat., Paris, p. 64, 1803. Genotype *Vespertilio hispidus* Schreber. Not *Nycteris* Borkhausen, Der Zoologe (Compendiose Bibliothek gemeinnützigsten Kentnisse für alle Stände, pt. 21), no. 4–7, p. 66, 1797; genotype *Vespertilio borealis* S. L. Müller = *Lasiurus borealis* (Müller).

Adopted by Opinion 111 of International Comm. of Zool. Nomenclature, see Smithsonian Misc. Coll., 73: no. 6, p. 18, 8 June 1929.

Nicteris Desmarest, Nouv. Dictionnaire d'Hist. Nat., 15: 501, 1803.

Petalia Gray, Mag. Zool. and Bot., 2: 494, 1838. Genotype *Nycteris javanica* Geoffroy.

Nycterops Gray, Proc. Zool. Soc. London, p. 83, May 1866. Genotype *Nycterops pilosa* Gray = *Nycteris hispida* (Schreber).

Review (as *Petalia*): Andersen, K. Brief diagnoses of eight new *Petalia*, with a list of the known forms of the genus. Ann. Mag. Nat. Hist. (8) 10: 546–550, Nov. 1912.

NYCTERIS ÆTHIOPICA ÆTHIOPICA Dobson

Plecotus æthiopicus Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, 54: pt. 1, p. 546, 1866; Heuglin, Reise in Nordost-Afrika, 2: 31, 1877. Bahr-el-Abiad, Anglo-Egyptian Sudan; a nomen nudum.

Nycteris æthiopica Dobson, Cat. Chiroptera Brit. Mus., p. 165, 1878. Kordofan.

NYCTERIS ARGE Thomas

Nycteris arge Thomas, Ann. Mag. Nat. Hist. (7) 12: 633, Dec. 1903. Efulen, Cameroons.

Range: Northeastern Congo Belge to Cameroons and Liberia.

NYCTERIS AURITA (K. Andersen)

Petalia aurita K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Kilifi, Kenya Colony.

Range: Somaliland and Kenya Colony.

NYCTERIS AVAKUBIA J. A. Allen

Nycteris avakubia J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 426, fig. 3, 29 Sep. 1917. Avakubi, Congo Belge.

NYCTERIS CAPENSIS A. Smith

Nycteris capensis A. Smith, Zool. Journ., 4: 434, 1829. Interior of South Africa.

Nycteris affinis A. Smith, Zool. Journ., 4: 434, 1829. South Africa.

Nycteris discolor Wagner, Schreber's Säugthiere, Suppl., 1: 440, 1840; 5: 646, 1855. "Südspitze von Afrika."

Nycteris fuliginosa Peters, Reise nach Mossambique, Säugethiere, p. 46, pl. 10, 1852. Boror, 12 miles northwest of Quellimane, Mozambique.

NYCTERIS DAMARENSIS DAMARENSIS Peters

Nycteris damarensis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1870, p. 905, 1871. Otjimbingue, Damaraland, Southwest Africa.

NYCTERIS DAMARENSIS BROCKMANI (K. Andersen)

Petalia damarensis brockmani Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Upper Sheikh, British Somaliland.

Range: Somaliland to Eritrea.

Nycteris damarensis media (K. Andersen)

Petalia damarensis media K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Harar, Abyssinia.

Range: Abyssinia.

Nycteris gambiensis (K. Andersen)

Petalia gambiensis K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 548, Nov. 1912. Dialocote, French Gambia.

Nycteris grandis Peters

Nycteris grandis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 358, 1865; for 1870, p. 906, 1871. "Guinea."

Nycteris baikii Gray, MS., in Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866, p. 672, 1867. West Africa.

Nycteris hispida (Schreber)

Vespertilio hispidus Schreber, Säugthiere, 1: 169, 188, pl. 56, 1775. Senegal.

Nycteris villosa Peters, Reise nach Mossambique, Säugethiere, p. 48, pl. 11, 1852. Inhambane, Mozambique.

Rhinolophus martini Fraser, Proc. Zool. Soc. London, p. 25, July 1843. Fernando Po.

Nycteris daubentonii E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 20: 19, Aug. 1813. Senegal.

Nycteris poensis Gray, Cat. Spec. Mamm. Brit. Mus., p. 24, 13 May 1843 (nomen nudum). Fernando Po.

Nycterops pilosa Gray, Proc. Zool. Soc. London, p. 83, May 1866. "Africa."

Nycteris luteola Thomas

Nycteris æthiopica luteola Thomas, Ann. Mag. Nat. Hist. (7) 8: 30, July 1901. Kitui, Kenya Colony.

Range: Zanzibar and Uganda, west to Loanda.

Nycteris macrotis Dobson

Nycteris macrotis Dobson, Monogr. Asiatic Chiroptera, p. 80, 1876. Sierra Leone.

Nycteris geoffroyi Desmarest, Encyclop. Méthodique, Mammalogie, 1: 127, 1820. Based on an individual from 40 leagues east of Podoo, Senegal, but the name also includes the Egyptian *thebaica*.

"May be an earlier name" for *N. macrotis* but "unless the type should have been preserved, the identification appears rather doubtful" (Andersen, K., Ann. Mag. Nat. Hist. (8) 10: 549, footnote, Nov. 1912).

Nycteris madagascariensis G. Grandidier

Nycteris madagascariensis G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, (2) 9: 353, Nov. 1937. Valley of the Rodo, Madagascar.

NYCTERIS MAJOR (K. Andersen)

Petalia major K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Ja River, Cameroons.

Range: Northeastern Congo Belge to Cameroons.

NYCTERIS MARICA Kershaw

Nycteris marica Kershaw, Ann. Mag. Nat. Hist. (9) 12: 534, Oct. 1923. Tindiga, Kilosa, Tanganyika Territory.

NYCTERIS NANA NANA (K. Andersen)

Petalia nana K. Andersen, Ann. Mag. Nat. Hist. (8) 10: 547, Nov. 1912. Benito River, French Congo.

NYCTERIS NANA TRISTIS G. M. Allen and Lawrence

Nycteris nana tristis G. M. Allen and Lawrence, Bull. Mus. Comp. Zool., 79: 47, 30 Jan. 1936. Kaimosi, Kakamega district, Kenya Colony.

NYCTERIS ORIANA Kershaw

Nycteris oriana Kershaw, Ann. Mag. Nat. Hist. (9) 10: 179, Aug. 1922. Chiromo, Shiré Valley, Nyasaland.

NYCTERIS PALLIDA J. A. Allen

Nycteris pallida J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 425, 29 Sep. 1917. Faradje, Congo Belge.

Range: Northeastern Congo Belge to Liberia.

NYCTERIS PARISII (de Beaux)

Petalia parisii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 254, Feb. 1924. Balli, southern Italian Somaliland.

NYCTERIS PROXIMA Lönnberg and Gyldenstolpe

Nycteris proxima Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 9, p. 1, 14 May 1925. Kartoushi, Semliki Valley, Congo Belge.

NYCTERIS REVOILII Robin

Nycteris revoilii Robin, Bull. Soc. Philom. Paris, (7) 5: 90, 1881. Somaliland.

Nycteris labiata Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 5, 1861. Kérén, Bogosland, Abyssinia. Perhaps antedates *N. revoilii* Robin (Andersen, 1912: 550, footnote). Dobson makes it a synonym of *N. thebaica*.

NYCTERIS THEBAICA THEBAICA E. Geoffroy

Nycteris thebaicus E. Geoffroy, Description de l'Egypte, 2: 119, pl. 1, no. 2, 1818. Egypt.

Nycteris albiventer Wagner, Schreber's Säugthiere, Suppl., 1: 439, 1840. Nubia.

Nycteris angolensis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1870, p. 903, 1871. Caconda, Biballa, Rio Coroca, Angola. Probably distinct. Range: Egypt and northern Arabia; Island of Corfu. ? Angola.

Nycteris thebaica aurantiaca (de Beaux)

Petalia (*Nycteris*) *thebaica aurantiaca* de Beaux, Atti Soc. Ital. Sci. Nat. Milano, 62: 91, July 1923. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

Nycteris woodi Andersen

Nycteris woodi Andersen, Ann. Mag. Nat. Hist. (8) 13, 563, June 1914. Chilanga, northwestern Rhodesia, 4100 feet.

Family MEGADERMIDÆ. Big-eared Bats

Review: Andersen, K., and Wroughton, R. C. On the bats of the family Megadermatidæ. Ann. Mag. Nat. Hist. (7) 19: 129–145, 1907.

Cardioderma Peters

Cardioderma Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 488, 1873. As a subgenus of *Megaderma;* type *Megaderma cor* Peters.

Cardioderma cor (Peters)

Megaderma cor Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 194, 1872. Abyssinia.

Lavia Gray. Yellow-winged Bat

Lavia Gray, Mag. Zool. and Bot., 2: 490, 1838. Genotype *Megaderma frons* E. Geoffroy.

Livia L. Agassiz, Nomenclator Zool., Mamm., addenda, p. 6, 1846 (misspelling of *Lavia*).

Megaderma E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 192, 1810 (in part)

Lavia frons frons (E. Geoffroy)

Megaderma frons E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 15: 192, 1810. Senegal.

Lavia frons affinis Andersen and Wroughton

Lavia frons affinis Andersen and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 140, Feb. 1907. Kaka, White Nile, Anglo-Egyptian Sudan.

Lavia frons rex Miller

Lavia rex Miller, Proc. Biol. Soc. Washington, 18: 227, 9 Dec. 1905. Taveta, Tanganyika Territory.

Family RHINOLOPHIDÆ. Horseshoe Bats

Reviews: Andersen, Knud. On some bats of the genus *Rhinolophus*, with remarks on their mutual affinities, and descriptions of twenty-six new forms. Proc. Zool. Soc. London, 2: 75–145, pl. 3, 4, Oct. 1905.

Andersen, Knud. A list of the species and subspecies of the genus *Rhinolophus*, with some notes on their geographical distribution. Ann. Mag. Nat. Hist. (7) 16: 648–662, Dec. 1905.

Rhinolophus Lacépède

Rhinolophus Lacépède, Tabl. des Mamm., p. 15, 1799. Genotype *Vespertilio ferrum-equinum* Schreber.

Rhinocrepis Gervais, Dictionnaire Pittoresque d'Hist. Nat., 4: pt. 318, p. 617, 1836. Genotype *Vespertilio ferrum-equinum* Schreber, by implication.

Aquias Gray, Proc. Zool. Soc. London, p. 15, 13 Apl. 1847. Based on *Rhinolophus luctus* Temminck and *R. trifoliatus* Temminck.

Phyllotis Gray, Proc. Zool. Soc. London, p. 81, May 1866 (not of Waterhouse, 1837). Genotype *Rhinolophus philippinensis* Waterhouse.

Cælophyllus Peters, Proc. Zool. Soc. London, for 1866, p. 427, pl. 35, Apl. 1867. Genotype *Rhinolophus cælophyllus* Peters.

Euryalus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 225, 1901. As a subgenus of *Rhinolophus;* type *Rhinolophus méhélyi* Matschie = *R. euryale* Méhély.

The *simplex* group (of 1905) or *R. megaphyllus* group of 1918

Rhinolophus abæ J. A. Allen

Rhinolophus abæ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 428, 29 Sept. 1917. Aba, Uele district, Congo Belge.

Rhinolophus acrotis acrotis Heuglin

Rhinolophus acrotis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 10, 1861. Keren, Eritrea, about 15°45′ N., 38°30′ E.

Rhinolophus acrotis andersoni Thomas

Rhinolophus andersoni Thomas, Ann. Mag. Nat. Hist. (7) 14: 156, Aug. 1904. Eastern desert of Egypt, about 22°N., 35°E.

Rhinolophus acrotis andersoni K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 454, Dec. 1904.

Rhinolophus acrotis brachygnathus K. Andersen

Rhinolophus acrotis brachygnathus K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 73, Jan. 1905. Giza, Egypt.

RHINOLOPHUS ACROTIS SCHWARZI Heim de Balsac

Rhinolophus acrotis schwarzi Heim de Balsac, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 483, Nov. 1934. Djanet, Tassali des Azdjers, Sahara.

RHINOLOPHUS ALCYONE ALCYONE Temminck

Rhinolophus alcyone Temminck, Esquisses Zool. sur la Côte de Guiné, p. 80 1852. Boutry River, Gold Coast.

Type in Leiden Mus., but description has not "one single word of any value for identifying the species or determining its affinities" — K. Andersen.

RHINOLOPHUS ALCYONE ALTICOLUS Sanborn

Rhinolophus alcyone alticolus Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 108, 15 Aug. 1936. Mt. Cameroon, Cameroon Mandate, 5800 feet.

RHINOLOPHUS ANDREINII Senna

Rhinolophus andreinii Senna, Archivio Zool. Ital., 2: 256, pl. 16, f. 1; pl. 18, f. 7–16, 30 Sept. 1905. Adi Ugri, Eritrea.

RHINOLOPHUS AXILLARIS J. A. Allen

Rhinolophus axillaris J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 429, 29 Sept. 1917. Aba, Uele district, Congo Belge; "apparently a member of the *landeri* group."

RHINOLOPHUS BEMBANICUS Senna

Rhinolophus bembanicus Senna, Annuario Mus. Zool. R. Univ. Napoli, (2) 4: no. 9, p. 1, 2, text-fig. 1, 2, 27 Mar. 1914. Lake Bengueolo, Rhodesia.

RHINOLOPHUS BLASII Peters

Rhinolophus blasii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866, p. 17, 1867. Based on the *R. clivosus* of Blasius.

RHINOLOPHUS BROCKMANI Thomas

Rhinolophus brockmani Thomas, Ann. Mag. Nat. Hist. (8) 5: 192, Feb. 1910. Upper Sheikh, British Somaliland, 4500 feet.

RHINOLOPHUS CAPENSIS Lichtenstein

Rhinolophus capensis Lichtenstein, Verzeichniss d. Doubletten Mus. Berlin, p. 4, 1823. Cape of Good Hope.

Rhinolophus auritus Sundevall, in Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 13, footnote, 1860. Belvedere, near Knysna, Cape of Good Hope.

Range: Western part of Cape Colony north to mountains from which the coastal rivers drain, east to Winter-Bergen.

RHINOLOPHUS CLIVOSUS Cretzschmar

Rhinolophus clivosus Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlichen Afrika, Säugeth., p. 47, 1826. Mohila, Arabia.

Range: Red Sea coasts of Arabia and Gulf of Aden, African side (Berbera).

RHINOLOPHUS DARLINGI DARLINGI K. Andersen

Rhinolophus darlingi K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 70, Jan. 1905. Mazoe, Mashonaland, Rhodesia.

Range: Across South Africa from Rhodesia to Angola.

RHINOLOPHUS DARLINGI BARBERTONENSIS Roberts

Rhinolophus darlingi barbertonensis Roberts, Ann. Transvaal Mus., 10: 59, 31 Jan. 1924. Louw's Creek, Barberton, South Africa.

RHINOLOPHUS DECKENII Peters

Rhinolophus deckenii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1867, p. 705, 1868. Zanzibar coast.

RHINOLOPHUS DENTI Thomas

Rhinolophus denti Thomas, Ann. Mag. Nat. Hist. (7) 13: 386, May 1904. Kuruman, Bechuanaland, South Africa.

RHINOLOPHUS DOBSONI Thomas

Rhinolophus dobsoni Thomas, Ann. Mag. Nat. Hist. (7) 14: 156, footnote, Aug. 1904. Kordofan, Anglo-Egyptian Sudan.

RHINOLOPHUS EURYALE BARBARUS (K. Andersen and Matschie)

Euryalus barbarus K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 79, 1904. Tangiers, Morocco.

Rhinolophus algirus Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 83, 1867. "Jardin Marengo," Algeria.

This name is not certainly identifiable but may possibly prove to supersede *barbarus* if the types can be found. This, too, is probably the bat intended by Heim de Balsac in recording *Rhinolophus meyeli* (=*mehelyi*) from Laghouat, Algeria, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 320, 1936).

Range: Coastwise from Tangiers to Tunis.

RHINOLOPHUS EURYALE JUDAICUS (K. Andersen and Matschie)

Euryalus judaicus K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 80, 1904. Jerusalem, Palestine, Cave Adullam.

Range: Palestine to Lower Egypt. "Specimens from Lower Egypt are indistinguishable from those of Palestine." — K. Andersen.

RHINOLOPHUS EURYALE MERIDIONALIS (K. Andersen and Matschie)
Euryalus meridionalis K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde, p. 79, 1904. Algeria ("probably a mountain form").

RHINOLOPHUS FERRUM-EQUINUM OBSCURUS Cabrera
Rhinolophus ferrum-equinum obscurus Cabrera, Mem. Soc. Española Hist. Nat., Madrid, 2: 257, 1904. Valencia, Spain.
Range: Spanish peninsula, Balearic Islands, and Algeria.

RHINOLOPHUS FOXI Thomas
Rhinolophus foxi Thomas, Ann. Mag. Nat. Hist. (8) 11: 314, Mar. 1913. Kabwir, Bauchi plateau, northern Nigeria.

RHINOLOPHUS GEOFFROYII GEOFFROYII A. Smith
Rhinolophus geoffroyii A. Smith, Zool. Journ., 4: 433, May 1829. South Africa.
Replaces *R. augur* according to Roberts, Ann. Transvaal Mus., 6: 112, Apl. 1919.
Rhinolophus augur K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 380, Nov. 1904. Kuruman, Bechuanaland, South Africa.
Range: Orange River area, Bechuanaland to Transvaal.

RHINOLOPHUS GEOFFROYII KENIENSIS Hollister
Rhinolophus keniensis Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 2, 10 Feb. 1916. Mount Kenya, Kenya Colony, 7000 feet.

RHINOLOPHUS GEOFFROYII ZAMBESIENSIS K. Andersen
Rhinolophus augur zambesiensis K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 383, Nov. 1904. Fort Hill, northern Nyasaland.

RHINOLOPHUS GEOFFROYII ZULUENSIS K. Andersen
Rhinolophus augur zuluensis K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 383, Nov. 1904. Jususic Valley, 20 miles northwest of Eshowe, Zululand, Natal.

RHINOLOPHUS LANDERI Martin
Rhinolophus landeri Martin, Proc. Zool. Soc. London, for 1837, p. 101, 25 May 1838. Fernando Po.

RHINOLOPHUS LOBATUS Peters
Rhinolophus lobatus Peters, Reise nach Mossambique, Säugethiere, p. 41, pl. 9; pl. 13, f. 16, 17, 1852. Sena, Tette, Mozambique.

RHINOLOPHUS SIMULATOR K. Andersen
Rhinolophus simulator K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 384, Nov. 1904. Mazoe, Mashonaland, Rhodesia.

The *Rhinolophus lepidus* group (of 1905) or *R. pusillus* group of 1918

Rhinolophus empusa K. Andersen

Rhinolophus empusa K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 378, Nov. 1904. Zomba, Nyasaland.

The *Rhinolophus midas* group (of 1905) or *R. hipposideros* group of 1918

Rhinolophus hipposideros escaleræ K. Andersen

Rhinolophus hipposideros escaleræ K. Andersen, Ann. Mag. Nat. Hist. (9) 2: 378, Oct. 1918. Ha-ha, Mogador, Morocco.

Rhinolophus hipposideros minimus Heuglin

Rhinolophus minimus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 6, 1861. Kérén, Eritrea.

Rhinolophus bihastatus E. Geoffroy, Description de l'Egypte, 2: 132, 1818; Ann. Mus. d'Hist. Nat., Paris, 20: 265, 1813. Europe.

Rhinolophus hipposiderus minimus K. Andersen, Ann. Mag. Nat. Hist. (7) 14: 455, Dec. 1904.

Range: Mediterranean subregion, south to Sennaar, east to Eritrea; not known from Egypt.

Rhinolophus hipposideros vespa Laurent

Rhinolophus hipposideros vespa Laurent, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 28: 157, text f. 1–2, Feb. 1937. Korifla, Morocco.

The *R. philippinensis* group (of 1905) or the *R. luctus* group of 1918

Rhinolophus maclaudi Pousargues

Rhinolophus maclaudi Pousargues, Bull. Mus. d'Hist. Nat., Paris, 3: 358, f. 1,2, 1897. Konakri Island, French Guinea.

The *Rhinolophus macrotis* group

Rhinolophus æthiops Peters

Rhinolophus æthiops Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 637, 1868 (=1869?). Otjimbingue, Southwest Africa.

Rhinolophus eloquens K. Andersen
Rhinolophus hildebrandti eloquens K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 74, Jan. 1905. Entebbe, Uganda.
Rhinolophus eloquens Andersen, Ann. Mag. Nat. Hist. (7) 16: 651, Dec. 1905.

Rhinolophus fumigatus fumigatus Rüppell
Rhinolophus fumigatus Rüppell, Museum Senckenburgianum, 3: 132, 155, 1842. Shoa.
Rhinolophus macrocephalus Heuglin, Reise in Nordost-Afrika, 2: 22, 1877. Adowa, Abyssinia.
Rhinolophus antinorii Dobson, Ann. Mus. Civ. Stor. Nat. Genova, (2) 2: 16, 22 May 1885. Daimbi, Shoa.
Range: Somaliland, Abyssinia, Eritrea.

Rhinolophus fumigatus exsul K. Andersen
Rhinolophus fumigatus exsul K. Andersen, Ann. Mag. Nat. Hist. (7) 15: 74, Jan. 1905. Kitui, Kenya Colony.

Rhinolophus hildebrandtii hildebrandtii Peters
Rhinolophus hildebrandtii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 195, pl. 1, f. 1, 1a, 1878. Ndi, Taita, Kenya Colony.

Rhinolophus hildebrandtii perauritus de Beaux
Rhinolophus hildebrandti perauritus de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 22, Feb. 1922. Territory of the Rahanuin, southern Somaliland.

Group uncertain

Rhinolophus angolensis Seabra
Rhinolophus angolensis Seabra, Jorn. de Sci. Math., Phys. e Nat., Lisboa (2) 5: 250, 1898; (2) 6: 117, Aug. 1900. Hanha, Angola.

Rhinolophus swinnyi swinnyi Gough
Rhinolophus swinnyi Gough, Ann. Transvaal Mus., 1: 71, 2 text-f., Apl. 1908. Ngqeleni district, western Pondoland, South Africa.

Rhinolophus swinnyi piriensis Hewitt
Rhinolophus swinnyi piriensis Hewitt, Albany Mus. Records, 2: 402, 6 Feb. 1913. Pirie, eastern Cape Colony, South Africa.

Family HIPPOSIDERIDÆ. Horseshoe Bats

Asellia Gray. Trident Bats

Asellia Gray, Mag. Zool. and Bot., 2: 493, 1838 (as a subgenus of *Hipposideros*); Gray, List Spec. Mamm. Brit. Mus., p. 24, 13 May 1843 (as a genus). Genotype *Rhinolophus tridens* E. Geoffroy.

Asellia patrizii de Beaux

Asellia patrizii de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 55: 186, 6 June 1931. Gaarre, Dancalia, Ethiopia.

Asellia tridens tridens (E. Geoffroy)

Rhinolophus tridens E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 20: 265, 1813. Description de l'Egypte, 2: 130, 1818. Egypt.

Range: Northeastern Africa, Egypt to Zanzibar.

Asellia tridens diluta K. Andersen

Asellia tridens diluta K. Andersen, Ann. Mag. Nat. Hist. (9) 2: 379, Oct. 1918. El Golea, Algerian Sahara.

Asellia tridens italosomalica de Beaux

Asellia tridens italosomalica de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 55: 190, 6 June 1931. Oddur, Italian Somaliland.

Clœotis Thomas

Clœotis Thomas, Ann. Mag. Nat. Hist. (7) 8: 28, July 1901. Genotype *Clœotis percivali* Thomas.

Clœotis percivali percivali Thomas

Clœotis percivali Thomas, Ann. Mag. Nat. Hist. (7) 8: 28, July 1901. Takaungu, north of Mombasa, Kenya Colony.

Clœotis percivali australis Roberts

Clœotis percivali australis Roberts, Ann. Transvaal Mus., 5: 264, 16 May 1917. Mooimeisjesfontein, Rustenburg, South Africa.

Hipposideros Gray

Hipposideros Gray, Zool. Miscellany, p. 37, 1831. Genotype *Vespertilio speoris* Schreber.

Gloionycteris Gray, Proc. Zool. Soc. London, p. 82, May 1866. Type *Phyllorhina armiger* Hodgson.

Phyllorrhina Bonaparte, Iconogr. della Fauna Italica, pt. 21, 3d page, 1837. As a subgenus of *Rhinolophus;* type *Rhinolophus diadema* E. Geoffroy.

Speorifera Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Hipposideros vulgaris* Blyth.

Chrysonycteris Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Hipposideros fulvus* Gray.

Rhinophylla Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Phyllorhina labuanensis* Tomes.

Macronycteris Gray, Proc. Zool. Soc. London, p. 82, May 1866. Genotype *Rhinolophus gigas* Wagner.

Doryrhina Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p.314, 1871. As a subgenus; type *Phyllorhina cyclops* Temminck.

Sideroderma Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 324, 1871. As a subgenus; type *Phyllorhina fuliginosa* Temminck.

Syndesmotis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 329, 1871. As a subgenus; type *Phyllorhina megalotis* Heuglin.

Ptychorhina Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 325, 1871. As a subgenus; type *Rhinolophus caffer* Sundevall.

Cyclorhina Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 326, 1871. As a subgenus; types *Phyllorhina obscura* and *doriæ*.

Thyreorhina Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 327, 1871. As a subgenus; type *Phyllorhina coronata* Peters.

Hipposiderus Blanford, Proc. Zool. Soc. London, for 1887, p. 637, Apl. 1888 (variant).

HIPPOSIDEROS ABÆ J. A. Allen

Hipposideros abæ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 432, 29 Sep. 1917. Aba, Uele district, Congo Belge.

HIPPOSIDEROS BEATUS K. Andersen

Hipposiderus beatus K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 279, Mar. 1906. Fifteen miles from Benito River, West Africa.

Range: Cameroons and Liberia.

HIPPOSIDEROS CAFFER CAFFER (Sundevall)

Rhinolophus caffer Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 118, 1846. Near Port Natal.

Phyllorrhina gracilis Peters, Reise nach Mossambique, Säugeth., p. 36, pl. 7, f. 1–4; pl. 13, f. 14–15, 1852. Tette, lower Zambesi, Mozambique.

Phyllorrhina bicornis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 7, 1861. Kérén, Eritrea.

HIPPOSIDEROS CAFFER ANGOLENSIS (Seabra)

Phyllorhina angolensis Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 5: 256, Dec. 1898. Rio Coroca, Angola.

Hipposiderus caffer angolensis K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 279, Mar. 1906 (valid race).

Hipposideros caffer centralis K. Andersen

Hipposiderus caffer centralis K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 275, 277, Mar. 1906. Entebbe, Uganda.

Hipposideros caffer guineensis K. Andersen

Hipposiderus caffer guineensis K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 275, 278, Mar. 1906. Como River, seventy miles from Gaboon.

Hipposideros caffer niapu J. A. Allen

Hipposideros caffer niapu J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 431, 29 Sep. 1917. Niapu, northeastern Congo Belge.

Hipposideros caffer tephrus Cabrera

Hipposiderus tephrus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 358, July 1906. Mogador, Morocco.

Hipposiderus caffer tephrus K. Andersen, Ann. Mus. Civ. Stor. Nat. Genova, 43: 12, 10 Apl. 1907.

Hipposideros commersoni commersoni (E. Geoffroy)

Rhinolophus commersoni E. Geoffroy, Ann. Mus. d'Hist. Nat., Paris, 20: 263, pl. 5, 1813. Fort Dauphin, Madagascar.

Hipposideros commersoni marungensis (Noack)

Phyllorhina commersonii var. *marungensis* Noack, Zool. Jahrb., Syst., 2: 272, pl. 10, f. 31–33, 7 May 1887. Qua Mpala, Marungu, western Tanganyika Territory.

Hipposideros commersoni mostellum Thomas, Ann. Mag. Nat. Hist. (7) 13: 385, May 1904. Tana River, Kenya Colony.

Hipposideros commersoni thomensis (Bocage)

Phyllorhina commersoni, var. *thomensis* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 88, Sep. 1891; (2) 7: 67, 1904. Island of S. Thomé.

Hipposiderus thomensis K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 41, Jan. 1906.

Hipposideros cyclops (Temminck)

Phyllorrhina cyclops Temminck, Esquisses Zool. sur la Côte de Guiné, p. 75, 1853. Boutry River, Gold Coast.

Rhinolophus micaceus De Winton, Ann. Mag. Nat. Hist. (6) 20: 524, Dec. 1897. Como River, 75 miles from Gaboon. Synonym of *Hipposideros cyclops*, see De Winton, Ann. Mag. Nat. Hist. (7) 4: 454, footnote, 1899.

Hipposideros langi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 434, text-fig. 4–6, 29 Sep. 1917. Avakubi, northeastern Congo Belge.
See Hayman, R.W., Ann. Mag. Nat. Hist. (10) 15: 47, Jan. 1935, on status.

Hipposideros fuliginosus (Temminck)
Phyllorrhina fuliginosa Temminck, Esquisses Zool. sur la Côte de Guiné, p. 77, 1853. "La côte de Guiné."
Hipposiderus fuliginosus K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 271, Mar. 1906 (valid species).

Hipposideros gigas gigas (Wagner)
Rhinolophus gigas Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 148, 1845. Benguela, Angola.
Phyllorrhina vittata Peters, Reise nach Mossambique, Säugeth., p. 32, pl. 6; pl. 13, f. 7–13, 1852. Ibo Island, Cap Delgado group, 12° 20′ S. (in part, as to the male co-type).

Hipposideros gigas gambiensis K. Andersen
Hipposiderus gigas gambiensis K. Andersen, Ann. Mag. Nat. Hist. (7) 17: 42, Jan. 1906. Gambia.

Hipposideros gigas niangaræ J. A. Allen
Hipposideros gigas niangaræ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 438, pl. 51, f. 1, 29 Sep. 1917. Niangara, Uele district, Congo Belge.

Hipposideros megalotis (Heuglin)
Phyllorrhina megalotis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 8, 1861. Bogos Land, Eritrea.

Hipposideros nanus J. A. Allen
Hipposideros nanus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 434, 29 Sep. 1917. Faradje, Uele district, eastern Congo Belge.

Hipposideros ruber (Noack)
Phyllorhina rubra Noack, Zool. Jahrb., Syst., 7: 586, pl. 18, f. 14, 15, 23 Dec. 1893. "Lugerrunjere Fluss," Tanganyika Territory.
Hipposideros ruber Hollister, Bull. U. S. Nat. Mus., no. 99, part 1, p. 85, 1918 (distinct species from *H. caffer*).

Unidentifiable

Hipposideros sandersoni Sanderson, Animal Treasure, New York (Viking Press), p. 290 (fig.), p. 296 ("bluish-grey and small"), Sep. 1937. Near Mamfe, Nigeria.

Triænops Dobson

Triænops Dobson, Journ. Asiatic Soc. Bengal, 40: pt. 2, 455, pl. 28, 29 Dec. 1871. Genotype *Triænops persicus* Dobson.

Triænops afer Peters

Triænops afer Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1876, p. 913, f. 2, 1877. Mombasa, Kenya Colony.

Triænops furcula Trouessart

Triænops furcula Trouessart, Bull. Mus. d'Hist. Nat. Paris, for 1906, no. 7, p. 446, 1906. Grotto of Sarondrana near Tulear (bay Saint-Augustin), west coast of Madagascar.

Triænops aurita G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 18: 8, text-f., 1912. Near Diego-Suarez, extreme northern Madagascar.

Triænops humbloti Milne-Edwards

Triænops humbloti Milne-Edwards, Comptes Rend. Acad. Sci. Paris, 91: 1035, 1881. Madagascar (east coast).

Triænops persicus Dobson

Triænops persicus Dobson, Journ. Asiatic Soc. Bengal, 40: pt. 2, 455, pl. 28, 29 Dec. 1871. Near Shiraz, Persia.

Range: Persia to Egypt.

Triænops rufus Milne-Edwards

Triænops rufus Milne-Edwards, Comptes Rend. Acad. Sci. Paris, 91: 1035, 1881. Madagascar (east coast).

Family MYZOPODIDÆ. Sucker-footed Bat

Myzopoda Milne-Edwards and A. Grandidier

Myzopoda Milne-Edwards and A. Grandidier, Bull. Soc. Philom., Paris, (7) 2: 220, 1878. Genotype *Myzopoda aurita* Milne-Edwards and A. Grandidier.

Myxopoda Dobson, Proc. Zool. Soc. London, for 1878, p. 871, Apl. 1879 (lapsus calami).

Myzopoda aurita Milne-Edwards and A. Grandidier

Myzopoda aurita Milne-Edwards and A. Grandidier, Bull. Soc. Philom., Paris, (7) 2: 220, 1878. Madagascar.

Range: Madagascar.

Family VESPERTILIONIDAE. Simple-nosed Bats

Barbastella Gray. Barbastelle

Barbastella Gray, London Medical Repository, 15: 300, 1 Apl. 1821. Genotype *Vespertilio barbastellus* Schreber.

Synotus Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, 305, 1839. Genotype *Vespertilio barbastellus* Schreber.

Barbastella barbastellus (Schreber)

Vespertilio barbastellus Schreber, Säugthiere, 1: 168, pl. 55, 1775. Burgundy and Germany.

Vespertilio leucomelas Cretzschmar, Rüppell's Atlas, Reise im Nördl. Afrika, Säugeth., p. 73, pl. 28b, 1826. Arabia Petraea.

Cistugo Thomas

Cistugo Thomas, Ann. Mag. Nat. Hist. (8) 10: 205, Aug. 1912. Genotype *Cistugo seabræ* Thomas.

Cistugo lesueuri Roberts

Cistugo lesueuri Roberts, Ann. Transvaal Mus., 6: 112, Apl. 1919. Lormarins, Paarl district, Cape Colony.

Cistugo seabræ Thomas

Cistugo seabræ Thomas, Ann. Mag. Nat. Hist. (8) 10: 205, Aug. 1912. Mossamedes, Angola.

Eptesicops Roberts

Eptesicops Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Genotype *Scotophilus rusticus* Tomes.

Eptesicops rusticus (Tomes).

Scotophilus rusticus Tomes, Proc. Zool. Soc. London, pp. 31, 35, May 1861. Damaraland, Southwest Africa; lectotype from Olifants Vlei.

Eptesicus Rafinesque. Serotine Bats

Eptesicus Rafinesque, Annals of Nature, p. 2, 1820. Genotype *Eptesicus melanops* Rafinesque = *Vespertilio fuscus* Beauvois.

Cnephæus Kaup, Skizzirte Entwick.-Gesch. u. Natürlich. Syst. d. Europ. Thierwelt, 1: 103, 1829. Genotype *Vespertilio serotinus* Schreber.

Meteorus Kolenati, Allgemein. Deutsch. Naturh. Zeitung, Dresden, (2) 2: 131, 1856 (in part).

Cateorus Kolenati, Allgemein. Deutsch. Naturh. Zeitung, Dresden, (2) 2: 131, 1856. Genotype *Vespertilio serotinus* Schreber.

Amblyotus Kolenati, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 29: 252, 1858. Genotype *Amblyotus atratus* Kolenati = *Eptesicus nilssoni* (Keyserling and Blasius).

Scotophilus H. Allen, Monogr. Bats No. Amer., Smithsonian Misc. Coll., no. 165, p. 27, June 1864 (in part).

Pachyomus Gray, Ann. Mag. Nat. Hist. (3) 17: 90, Feb. 1866. Genotype *Scotophilus pachyomus* Tomes.

Nyctiptenus Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 424, 1870. Genotype *Vespertilio smithii* Wagner.

Vesperus Dobson, Cat. Chiroptera Brit. Mus., p. 184, 1878 (as a subgenus of *Vesperugo;* in part).

Adelonycteris H. Allen, Proc. Acad. Nat. Sci. Philadelphia for 1891, p. 466, 19 Jan. 1892 (in part; substitute for *Vesperus*, preoccupied).

Neoromicia Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Genotype *Eptesicus zuluensis* Roberts.

Vespertilio and *Vesperugo* of various older authors, in part.

Eptesicus ater J. A. Allen

Eptesicus ater J. A. Allen, Bull. Amer. Mus. Nat. Hist. 37: 443, 29 Sep. 1917. Faradje, northeastern Congo Belge.

Eptesicus bicolor (Bocage)

Vesperus bicolor Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 5, Mar. 1889. Caconda, Angola.

Eptesicus brunneus (Thomas)

Vesperugo (*Vesperus*) *brunneus* Thomas, Ann. Mag. Nat. Hist. (5) 6: 165, 1 text-f., Aug. 1880. Old Calabar, West Africa.

Eptesicus capensis capensis (A. Smith)

Vespertilio capensis A. Smith, Zool. Journ., 4: 435, Jan.-May 1829. Cape Colony, South Africa.

Eptesicus capensis angolensis Hill

Eptesicus capensis angolensis Hill, Amer. Mus. Novitates, no. 916, p. 1, 17 Apl. 1937. Chitau, Angola.

Eptesicus capensis damarensis (Noack)

Vesperus damarensis Noack, Zool. Jahrb., Syst., 4: 213, pl. 5, f. 59, 28 Feb. 1889. Omburo and Golabie, Damaraland, Southwest Africa.

Eptesicus capensis gracilior (Thomas and Schwann)

Vespertilio capensis gracilior Thomas and Schwann, Proc. Zool. Soc. London, 1: 257, 10 Aug. 1905. Eshowe, Zululand, Natal.

EPTESICUS CAPENSIS NKATIENSIS Roberts

Eptesicus capensis nkatiensis Roberts, Ann. Transvaal Mus., 15: 16, 1 Oct. 1932. Nkate, northern Bechuanaland, South Africa.

EPTESICUS CAPENSIS SOMALICUS (Thomas)

Vespertilio minutus somalicus Thomas, Ann. Mag. Nat. Hist. (7) 8: 32, July 1901. Hargaisa, British Somaliland.

Eptesicus capensis somalicus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 92, 1918.

Vespertilio hesperida Temminck, Monographies de Mammalogie, 2: 211, 1835–41. "Les bords de la Mer rouge vers les côtes d' Abyssinie." Indeterminate; Heuglin refers this to *Miniopterus*.

Vesperugo senarensis Fitzinger and Heuglin, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866; Heuglin, Reise in Nordost-Afrika, 2: 32, 1877 (no description). Khartoum, Anglo-Egyptian Sudan; a nomen nudum.

EPTESICUS FARADJIUS J. A. Allen

Eptesicus faradjius J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 444, 29 Sep. 1917. Faradje, northeastern Congo Belge.

EPTESICUS FLAVESCENS (Seabra)

Vesperugo (*Vesperus*) *flavescens* Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 23, 1900; (2) 6: 119, Aug. 1900. Galanga, Angola.

EPTESICUS GARAMBÆ J. A. Allen

Eptesicus garambæ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 445, 29 Sep. 1917. Garamba, Congo Belge.

EPTESICUS GRANDIDIERI (Dobson)

Vesperugo (*Vesperus*) *grandidieri* Dobson, Ann. Mag. Nat. Hist. (4) 18: 500, Dec. 1876. Zanzibar.

EPTESICUS GUINEENSIS (Bocage)

Vesperus guineensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 6, Mar. 1889. Bissau, Portuguese Guinea.

EPTESICUS HUMBLOTI (Milne-Edwards)

Vesperus humbloti Milne-Edwards, Compt. Rendus Acad. Sci. Paris, 91: 1035, 1881. Madagascar.

EPTESICUS INNESI (Lataste)

Vesperugo (*Vesperus*) *innesi* Lataste, Ann. Mus. Civ. Stor. Nat. Genova, (2) 4 (=24): 625, 2 text-figs., 25 July 1887. Cairo, Egypt.

Eptesicus innesi Thomas, Ann. Mag. Nat. Hist. (9) 4: 350, Nov. 1919.

Eptesicus loveni Granvik

Epetiscus (sic) *loveni* Granvik, Acta Univ. Lund., (2) 21: no. 3, p. 12, 1924. Eastern slopes of Mt. Elgon, Kenya Colony, 8000 feet.

Eptesicus matroka (Thomas and Schwann)

Vespertilio matroka Thomas and Schwann, Proc. Zool. Soc. London, 1: 258, 10 Aug. 1905. Ambositra, Betsileo, Madagascar, 1100 meters.

Eptesicus megalurus (Temminck)

Vespertilio megalurus Temminck, Monogr. de Mammalogie, 2: 206, 1835–41. "L' intérieur de l' Afrique méridionale."

Range: South Africa to Nyasaland (see Thomas, 1917: 280).

Eptesicus melckorum Roberts

Eptesicus melckorum Roberts, Ann. Transvaal Mus., 6: 113, Apl. 1919. Kersfontein, Berg River, Cape Province.

Eptesicus phasma G. M. Allen

Eptesicus phasma G. M. Allen, Bull. Mus. Comp. Zool., 54: 327, Dec. 1911. Meru River, Northern Guaso Nyiro, Kenya Colony.

Eptesicus platyops (Thomas)

Vespertilio platyops Thomas, Ann. Mag. Nat. Hist. (7) 8: 31, July 1901. Lagos; Gold Coast.

Eptesicus pusillus (Leconte)

Vespertilio pusillus Leconte, Proc. Acad. Nat. Sci., Philadelphia, p. 10, 1857. West Africa, doubtless Gaboon. This is probably the same as *Vesperugo pusillus* Noack, in which case the latter becomes a synonym, and the name should be credited to Leconte; the description, however, is insufficient for identification.

Vesperugo pusillus Noack, Zool. Jahrb., Syst., 4: 216, pl. 2, f. 2; pl. 5, f. 60–61, 28 Feb. 1887. Boma, mouth of the Congo, Congo Belge. (?Not *Vespertilio pusillus* Leconte, 1857).

Vespertilio minuta Temminck, Monogr. de Mammalogie, 2: 209, 1835–41. Cape of Good Hope, South Africa. (Not *Vespertilio minutus* Montagu, 1808).

Eptesicus rectitragus Wettstein

Eptesicus rectitragus Wettstein, Anzeiger K. Akad. Wiss. Wien, 53: 191, 1916. Dilling, southern Kordofan, Sudan.

Eptesicus rendalli (Thomas)

Vesperugo (*Vesperus*) *rendalli* Thomas, Ann. Mag. Nat. Hist. (6) 3: 362, fig., Apl. 1889; Thomas, Proc. Zool. Soc. London, for 1896, p. 791 and footnote, Apl. 1897. Bathurst, Gambia.

Range: Mongalla to Nyasaland west to Gambia.

EPTESICUS SEROTINUS GABONENSIS (Trouessart)
Vesperugo serotinus var. *gabonensis* Trouessart, Cat. Mamm. Viv. Foss., ed. 2, pt. 1, p. 108, 1897. Based on Dobson's *Vesperugo serotinus*, var. a, in Cat. Chiroptera Brit. Mus., p. 192, 1878. Gaboon.

EPTESICUS SEROTINUS ISABELLINUS (Temminck)
Vespertilio isabellinus Temminck, Monogr. de Mammalogie, 2: 205, pl. 52, f. 1, 2, 1835–41. "Environs de Tripoli."

EPTESICUS SMITHII (Wagner)
Vespertilio smithii Wagner, Schreber's Säugthiere, Suppl., 5: 747, footnote, 1855. South Africa (based on A. Smith's Illustr. Zool. South Africa, 1848; larger than *E. capensis*, see Thomas and Schwann, Proc. Zool. Soc. London, 1: 258, 1905).

EPTESICUS TENUIPINNIS (Peters)
Vesperus tenuipinnis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 263, 1872. Guinea.

EPTESICUS UGANDÆ Hollister
Eptesicus ugandæ Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 3, 10 Feb. 1916. Ledgus, Uganda.

EPTESICUS VANSONI (Roberts)
Neoromicia vansoni Roberts, Ann. Transvaal Mus., 15: 15, 1 Oct. 1932. Zweizwe Waterhole, north of Tsotsoroga Pan, northern Bechuanaland.

EPTESICUS ZULUENSIS Roberts
Eptesicus zuluensis Roberts, Ann. Transvaal Mus., 10: 60, text-f. 1, 31 Jan. 1924. White Umfolosi Game Reserve, Zululand, Natal.

GLAUCONYCTERIS Dobson

Glauconycteris Dobson, Proc. Zool. Soc. London, p. 383, Oct. 1875. As a subgenus of *Chalinolobus*, type *Kerivoula poensis* Gray; originally included also *G. variegatus* and *G. argentatus*.

GLAUCONYCTERIS ALBOGUTTATUS J. A. Allen
Glauconycteris alboguttatus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 449, text-fig. 7, B, 29 Sep. 1917. Medje, Congo Belge.

GLAUCONYCTERIS ARGENTATUS (Dobson)
Chalinolobus argentatus Dobson, Proc. Zool. Soc. London, p. 385, Oct. 1875. Cameroon Mts., French Equatorial Africa.

Chalinolobus congicus Noack, Zool. Jahrb., Syst., 4: 223, pl. 2, f. 1; pl. 5, f. 66–68, 28 Feb. 1889. Netonna, near mouth of Congo River, French Equatorial Africa. (See Thomas, Ann. Mag. Nat. Hist. (8) 11: 144, Jan. 1913, as syn. of *G. argentatus*).

Glauconycteris beatrix Thomas

Glauconycteris beatrix Thomas, Ann. Mag. Nat. Hist. (7) 8: 256, Sep. 1901. Benito River 15 miles from mouth, French Equatorial Africa.

Range: Cameroons to Entebbe, Uganda.

Glauconycteris egeria Thomas

Glauconycteris egeria Thomas, Ann. Mag. Nat. Hist. (8) 11: 144, Jan. 1913. Bibundi, Cameroons.

Glauconycteris humeralis J. A. Allen

Glauconycteris humeralis J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 448, text-fig. 7, A, 29 Sep. 1917. Medje, Congo Belge.

Glauconycteris poensis (Gray)

Kerivoula poensis Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. "Fernando Po," but in reality Abo, Lower Niger (see Allen and Thomson, Exp. Niger, 2: 479, 1848).

Vesperus (*Hesperoptenus*) *kraussii* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 638, 1868. Yoruba, southern Nigeria (see Thomas, Ann. Mag. Nat. Hist. (8) 11: 145, Jan. 1913).

Glauconycteris variegata variegata (Tomes)

Scotophilus variegatus Tomes, Proc. Zool. Soc. London, p. 36, May 1861. Otjoro, Southwest Africa.

Glauconycteris variegata papilio Thomas

Glauconycteris papilio Thomas, Ann. Mag. Nat. Hist. (7) 15: 77, Jan. 1905. Entebbe, Uganda.

Glauconycteris variegata papilio Thomas, Ann. Mag. Nat. Hist. (8) 15: 560, footnote, June 1915.

Range: Zambesi north to Uganda, and thence west to the Gold Coast.

Glauconycteris variegata phalæna Thomas

Glauconycteris phalæna Thomas, Ann. Mag. Nat. Hist. (8) 15: 560, June 1915. Near Fashoda, White Nile, Anglo-Egyptian Sudan.

Læphotis Thomas

Læphotis Thomas, Ann. Mag. Nat. Hist. (7) 7: 460, May 1901. Genotype *Læphotis wintoni* Thomas.

LÆPHOTIS WINTONI Thomas

Læphotis wintoni Thomas, Ann. Mag. Nat. Hist. (7) 7: 460, May 1901. Kitui, Kenya Colony, 1150 meters.

MIMETILLUS Thomas

Mimetillus Thomas, Abstr. Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 188, 18 Apl. 1905. Genotype *Vesperugo moloneyi* Thomas.

The African representative of *Tylonycteris*.

Vesperugo Thomas, Ann. Mag. Nat. Hist. (6) 7: 528, June 1891 (in part).

MIMETILLUS BERNERI Monard

Mimetillus berneri Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 49, 1932. Vila da Ponte, Angola.

MIMETILLUS MOLONEYI (Thomas)

Vesperugo (*Vesperus*) *moloneyi* Thomas, Ann. Mag. Nat. Hist. (6) 7: 528, text-f., June 1891. Lagos, southern Nigeria.

Range: Sierra Leone and Fernando Po to Nigeria.

MIMETILLUS THOMASI Hinton

Mimetillus thomasi Hinton, Ann. Mag. Nat. Hist. (9) 6: 240, Aug. 1920. N'dola, Northern Rhodesia.

MYOTIS Kaup. Mouse-eared Bats

Myotis Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 106, 1829. Genotype *Vespertilio myotis* Bechstein.

Nystactes Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 108, 1829 (not of Gloger, 1827). Genotype *Vespertilio leisleri* Kuhl.

Leuconöe Boie, Oken's Isis, p. 256, 1830. Genotype "Die Wasserfledermäuse" = *Vespertilio daubentonii* Kuhl.

Selysius Bonaparte, Iconogr. d. Fauna Italica, 1: Mamm., Introd., p. 3, 1841. Genotype *Vespertilio mystacinus* Leisler.

Capaccinius Bonaparte, Iconogr. d. Fauna Italica, 1: Indice distributivo [6], 1841. Genotype *Vespertilio capaccinii* Bonaparte.

Trilatitus Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. Included three species.

Brachyotus Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856 (not of Gould, 1837). Included *V. mystacinus, daubentonii,* and *dasycneme.*

Isotus Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio nattereri* and *emarginatus.*

Tralatitius Gray, Ann. Mag. Nat. Hist. (3) 17: 90, Feb. 1866. Genotype not specified.

Pternopterus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 706, 1867. As a subgenus of *Vespertilio;* type *Vespertilio* (*Pternopterus*) *lobipes* Peters = *Myotis muricola* (Hodgson).

Exochurus Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 75, 1870. Included *Vespertilio macrodactylus, horsfieldii* = *adversus,* and *macrotarsus.*

Aëorestes Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 427, 1870. Included *Vespertilio villosissimus, albescens, lævis* and *nigricans.*

Comastes Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, 565, 1870. Included *Vespertilio capaccinii, megapodius, dasycneme,* and *limnophilus.*

Vespertilio Dobson, Cat. Chiroptera Brit. Mus., p. 284, 1878, and other authors, but not of Linnæus.

Myotis africanus (Dobson)

Vespertilio africanus Dobson, Ann. Mag. Nat. Hist. (4) 16: 260, Oct. 1875. Gaboon.

Myotis bocagii bocagii (Peters)

Vespertilio bocagii Peters, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 125, Dec. 1870. Duque de Bragança, Angola.

Myotis bocagii cupreolus Thomas

Myotis bocagei cupreolus Thomas, Ann. Mag. Nat. Hist. (7) 13: 407, June 1904. Efulen, Cameroons.

Myotis bocagii hildegardeæ Thomas

Myotis hildegardeæ Thomas, Ann. Mag. Nat. Hist. (7) 13: 209, March 1904. Fort Hall, Kenya Colony.

Myotis capaccinii (Bonaparte)

Vespertilio capaccinii Bonaparte, Iconogr. Fauna Ital., 1: Mamm., pt. 20 and pl., fig. 2, 1837. Sicily.

Vespertilio megapodius Temminck, Monogr. de Mammalogie, 2: 189, 1839. Sardinia.

Brachyotus blasii Kolenati, Monogr. Europ. Chiroptera, p. 102, 1859.

Vespertilio majori Ninni, Atti R. Ist. Veneto Sci., Lett. ed Arti, Venezia, (5) 4: 688, 721, 1878. Venice, Italy.

Range: Northern Morocco (Tetuan) eastward to Algeria and the Mediterranean region of southern Europe.

Note. — *Myotis emarginatus* (Geoffroy) is credited to Algeria by Lataste (Actes Soc. Linn. de Bordeaux, 39: 75, 1885), but the record requires confirmation.

MYOTIS GOUDOTII (A. Smith)

Vespertilio goudotii A. Smith, South African Quart. Journ., 2: 244, June 1834. Madagascar.

Vespertilio madagascariensis Tomes, Proc. Zool. Soc. London, p. 89, 13 Apl. 1858. Madagascar.

Vespertilio sylvicola A. Grandidier, Rev. et Mag. Zool., (2) 22: 49, Feb. 1870. Forests of Ambaravaranvatou, Madagascar.

MYOTIS MEGALOPUS (Dobson)

Vespertilio megalopus Dobson, Ann. Mag. Nat. Hist. (4) 16: 261, Oct. 1875. Gaboon.

The African representative of *M. daubentonii*,? = *Myotis longipes* fide Thomas 1915.

MYOTIS OXYGNATHUS (Monticelli)

Vespertilio oxygnathus Monticelli, Ann. Accad. O. Costa de Aspir. Nat., Napoli, (1) 1: 82, 1885. Matera, Basilicata, Italy.

Vespertilio murinus Dobson, Cat. Chiroptera Brit. Mus., p. 309, 1878 (in part; not of Linnæus). "It is probable that all specimens from N. Africa hitherto referred to *M. myotis* (*Vespertilio murinus* of Dobson and earlier authors) are really referable to" *Myotis oxygnathus* (Monticelli) (O. Thomas, Novitates Zool., 20: 29, Feb. 1913).

Range: Mediterranean region, from Greece to Spain and northern Africa, Tunis and Algeria.

MYOTIS SCOTTI Thomas

Myotis scotti Thomas, Ann. Mag. Nat. Hist. (9) 19: 554, May 1927. Djem-djem Forest, about 40 miles west of Addis Ababa, Ethiopia, 8000 feet.

MYOTIS TRICOLOR (Temminck)

Vespertilio tricolor Temminck, in Smuts, Enum. Mamm. Capensium, p. 106, 1832; Monogr. de Mammalogie, 2: 207, 1835–41. Capetown, Cape of Good Hope.

MYOTIS VENUSTUS (Matschie)

Vespertilio venustus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 74, 1899. Kinole, Ukami Mts., Tanganyika Territory.

MYOTIS WELWITSCHII (Gray)

Scotophilus welwitschii Gray, Proc. Zool. Soc. London, p. 211, pl. 24, Sept. 1866. Angola. This is very like *M. venustus* (Matschie).

NYCTALUS Bowdich. Noctule Bats

Nyctalus Bowdich, Excursions in Madeira and Porto Santo, p. 36, and footnote, 1825. Genotype *Nyctalus verrucosus* Bowdich.

Pterygistes Kaup, Skizzirte Entw.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 90, 1829. Genotype *Vespertilio noctula* Schreber.

Vesperugo Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, p. 317, 1839 (in part). As a subgenus of *Vespertilio;* type not specified; seven species included.

Noctula Bonaparte, Iconogr. Fauna Ital., 1: p. [6], Indice distributivo, 1841. Genotype *Vespertilio noctula* Schreber.

Noctulinia Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842 (in part). Included *Noctulinia proterus* = *Nyctalus noctula*, and *fulvus* = *Scotophilus kuhlii*.

Panugo Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio noctula* and *leisleri*.

Noctula Gerbe, Le Naturaliste, 2: 187, 15 March 1880. As a subgenus of *Vesperugo* = *Nyctalus;* type *Vesperugo plancyi* Gerbe.

Nyctalus verrucosus Bowdich

Nyctalus verrucosus Bowdich, Excursions in Madeira and Porto Santo, p. 36, and footnote, 1825. Madeira.

Vesperugo leisleri Dobson, Cat. Chiroptera Brit. Mus., p. 215, 1878 (in part; specimens from Madeira).

Pterygistes madeiræ Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 17: 98, Jan. 1906. Madeira.

Range: Madeira Islands.

Nyctalus macuanus (Peters)

Vespertilio macuanus Peters, Reise nach Mossambique, Säugethiere, p. 61, pl. 16, f. 1, 1852. Cabaceira peninsula, Mozambique. Reference uncertain.

Otonycteris Peters. Desert Big-eared Bats

Otonycteris Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1859. Genotype *Otonycteris hemprichii* Peters.

Otonycteris hemprichii Peters

Otonycteris hemprichii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1860. No locality; Hemprich and Ehrenberg's collecting.

Plecotus ustus Fitzinger and Heuglin, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866. Heuglin, Reise in Nordost-Afrika, 2: 30, 1877. Wadi Halfa, in Baten-el-Hadjar, Egypt. A nomen nudum; the type is a specimen of *Otonycteris* (see Anderson, J., and De Winton, W. E., Zool. of Egypt, Mamm., p. 118, 1902).

Plecotus auritus saharæ Laurent, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 27: 408, fig., Dec. 1936. El Golea, Algeria. (See Heim de Balsac, H., Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 28: 321, Apl. 1937, as to status of this name.)

Pipistrellus Kaup. Pipistrelles

Pipistrellus Kaup, Skizzirte Entwickl.-Gesch. u. Natürl. Syst. d. Europ. Thierwelt, 1: 98, 1829. Genotype *Vespertilio pipistrellus* Schreber.

Romicia Gray, Mag. Zool. and Bot., 2: 495, 1838. Genotype *Romicia calcarata* Gray = *Pipistrellus kuhlii* (Kuhl).

Vesperugo Keyserling and Blasius, Arch. f. Naturgesch., 5: sect. 1, p. 312, 1839 (in part). Included 13 species now referred to the genera *Eptesicus* and *Pipistrellus*.

Romicius Blyth, Cuvier's Animal Kingdom, p. 75, 1840. Variant of *Romicia* Gray.

Nannugo Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio nathusii*, *kuhlii*, and *pipistrellus*.

Alobus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 707, 1867 (not of Leconte, 1856). Genotype *Vespertilio temminckii* = *Pipistrellus rüppellii* (Fischer).

Hypsugo Kolenati, Allgemein. Deutsch. Naturhist. Zeitung, Dresden, (2) 2: 131, 1856. Included *Vespertilio maurus* and *kraschenikowii*.

Scotophilus H. Allen, Monogr. Bats No. Amer., Smithsonian Misc. Coll., no. 165, p. 27, June 1864 (in part).

Scotozous Dobson, Proc. Zool. Soc. London, p. 372, Oct. 1875 (in part). Genotype *Scotozous dormeri* Dobson.

Pipistrellus abaensis J. A. Allen

Pipistrellus abaensis J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 442, 29 Sep. 1917. Aba, northeastern Congo Belge.

Pipistrellus aero Heller

Pipistrellus aero Heller, Smithsonian Misc. Coll., 60: no. 12, p. 3, 4 Nov. 1912. Mt. Gargues, Mathews Range, Kenya Colony.

Pipistrellus anchietæ (Seabra)

Vesperugo anchietæ Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 26, 120, Aug. 1900. Cahata, Angola.

Pipistrellus ariel Thomas

Pipistrellus ariel Thomas, Ann. Mag. Nat. Hist. (7) 14: 157, Aug. 1904. Eastern Egyptian desert, lat. 22° N., long. 35° E., 2000 feet.

Pipistrellus crassulus Thomas

Pipistrellus crassulus Thomas, Ann. Mag. Nat. Hist. (7) 13: 206, March 1904. Efulen, Cameroons.

Pipistrellus culex Thomas

Pipistrellus culex Thomas, Ann. Mag. Nat. Hist. (8) 7: 458, May 1911. Kabir, northern Nigeria.

Pipistrellus deserti Thomas

Pipistrellus deserti Thomas, Proc. Zool. Soc. London for 1902, 2: 4, Oct. 1902. Tripoli, Mursuk.

Pipistrellus fouriei Thomas

Pipistrellus fouriei Thomas, Proc. Zool. Soc. London, p. 288, 29 Apl. 1926. Ukualukasi, northwest Ovamboland, Southwest Africa.

Pipistrellus helios Heller

Pipistrellus helios Heller, Smithsonian Misc. Coll., 60: no. 12, p. 3, 4 Nov. 1912. Merelle Water, 30 miles south of Mt. Marsabit, Kenya Colony.

Pipistrellus kuhlii kuhlii (Natterer)

Vespertilio kuhlii Natterer in Kuhl, Deutschen Fledermäuse, in Wetterau. Ann., Hanau, p. 55, 1817. Triest, Austria.

Vespertilio marginatus Cretzschmar in Rüppell's Atlas zu d. Reise Nördl. Afrika, Zool., Säugeth., p. 74, pl. 29a, 1826. Arabia Petraea and Nubia; according to Anderson, J., and De Winton, W. E. (Zool. of Egypt, Mamm., p. 127, 1902), however, on the type specimen in the Frankfort Museum, "Egypt is given as the locality."

Vespertilio pipistrellus, var. *β ægyptius* J. B. Fischer, Synopsis Mamm., p. 105, 1829. "In cryptis Thebarum Ægypti."

Vesp[ertilio] albo-limbatus Küster, Oken's Isis, pt. 1, p. 75, 1835. Sardinia.

Pipistrella minuta Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 78, 1867. Oasis of Messad, southern Algeria.

Pipistrellus kuhlii fuscatus Thomas

Pipistrellus kuhlii fuscatus Thomas, Ann. Mag. Nat. Hist. (7) 8: 34, July 1901. Naivasha, Kenya Colony.

Pipistrellus kuhlii pallidus Heim de Balsac

P[ipistrellus] k[uhlii] pallidus Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 43, 50 (nomen nudum), 180, 1936. Northern Sahara, to the A'haggar, Algeria.

Pipistrellus kuhlii subtilis (Sundevall)

Vesperugo subtilis Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. Interior of Caffraria.

Pipistrellus leucomelas Monard

Pipistrellus leucomelas Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 47, 1932. Vila da Ponte, Angola.

Pipistrellus maderensis (Dobson)

Vesperugo maderensis Dobson, Cat. Chiroptera Brit. Mus., p. 231, pl. 12, f. 5, 1878. Madeira.

Range: Madeira and Canary Islands.

PIPISTRELLUS MARRENSIS Thomas and Hinton

Pipistrellus marrensis Thomas and Hinton, Proc. Zool. Soc. London, p. 249, 6 July 1923. Foothills, southern Jebel Marra, Dafur.

PIPISTRELLUS MAURUS (Blasius)

Vesperugo maurus Blasius, Arch. f. Naturgesch., 19: sect. 1, p. 35, 38, 1853. Central Alps, Germany.

Scotophilus darwini Tomes, Proc. Zool. Soc. London, p. 70, (Feb.-June) 1859. La Palma, Canary Islands. May be a valid race.

PIPISTRELLUS MUSCICULUS Thomas

Pipistrellus musciculus Thomas, Ann. Mag. Nat. Hist. (8) 11: 316, March 1913. Bitye, Ja River, Cameroons, 2000 feet.

PIPISTRELLUS NANULUS Thomas

Pipistrellus nanulus Thomas, Ann. Mag. Nat. Hist. (7) 14: 198, Sept. 1904. Efulen, Cameroons.

PIPISTRELLUS NANUS NANUS (Peters)

Vespertilio nanus Peters, Reise nach Mossambique, Säugethiere, p. 63, pl. 16, f. 2, 1852. Inhambane, Mozambique.

Vesperugo pusillulus Peters, Jorn. de Sci. Math., Phys. e Nat., Lisboa, (1) 3: 124, Dec. 1870. Loango, Angola.

PIPISTRELLUS NANUS AUSTRALIS Roberts

Pipistrellus nanus australis Roberts, Ann. Transvaal Mus., 4: 67, 20 Oct. 1913. Port St. Johns, South Africa.

PIPISTRELLUS PAGENSTECHERI (Noack)

Vesperugo pagenstecheri Noack, Zool. Jahrb., Syst., 4: 220, pl. 2, f. 3; pl. 5, f. 64–65, 28 Feb. 1889. Netonna, Banana Creek, Congo mouth, 6° S.

PIPISTRELLUS PULCHER (Dobson)

Vesperugo pulcher Dobson, Proc. Zool. Soc. London, p. 471, Oct. 1875. Zanzibar.

PIPISTRELLUS RÜPPELLII RÜPPELLII (J. B. Fischer)

Vespertilio temminckii Cretzschmar in Rüppell's Atlas zu d. Reise Nördl. Afrika, Zool., Säugeth., p. 17, pl. 6, 1826. (Not Horsfield.) Dongola.

Vespertilio rüppelii J. B. Fischer, Synopsis Mamm., p. 109, 1829. Dongola (renaming of *V. temminckii* Cretzschmar).

Vesperugo sennaariensis Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: pt. 1, p. 546, 1866; nomen nudum. Khartoum.

Vesperugo senarensis Heuglin, Reise in Nordost-Africa, 2: 32, 1877; nomen nudum.

Vesperugo hypoleucus Heuglin, in Fitzinger and Heuglin, Sitzb. K. Akad. Wiss., Wien, math. nat. Cl., 54: sect. 1, p. 546, 1866. Sennaar, between Kereri, Halfäye and Surerát on the Nile near Khartoum, Anglo-Egyptian Sudan.

Pipistrellus rüppellii fuscipes Thomas

Pipistrellus fuscipes Thomas, Ann. Mag. Nat. Hist. (8) 11: 315, March 1913. Sixty miles west of Entebbe, Uganda.

Pipistrellus rüppellii vernayi Roberts

Pipistrellus vernayi Roberts, Ann. Transvaal Mus., 15: 16, 1 Oct. 1932. Maun, Ngamiland, South Africa.

Pipistrellus stampflii (Jentink)

Vesperugo stampflii Jentink, Notes Leyden Mus., 10: 54, Apl. 1888. Farmington River, Liberia.

Pipistrellus minusculus Miller, Proc. Washington Acad. Sci., 2: 647, f. 43, 28 Dec. 1900. Mount Coffee, Liberia.

Plecotus E. Geoffroy. Long-eared Bats

Plecotus E. Geoffroy, Description de l'Egypte, 2: 112, pl. 2, no. 3, 1818. Genotype *Vespertilio auritus* Linnæus.

Plecotus auritus ægyptiacus I. Geoffroy. Egyptian Big-eared Bat

Vespertilio auritus β. ægyptius J. B. Fischer, Synopsis Mamm., p. 117, 1829; based on description by E. Geoffroy, Description de l'Egypte, 2: 119, 1818. Egypt. Not *Vespertilio pipistrellus* var. *β, ægyptius* J. B. Fischer, ibid., p. 105, 1829.

Plecotus ægyptiacus I. Geoffroy, Mag. de Zool., 2: cl. 1, p. 2 of description of pl. 2–3, 1832, who repeats characters given by E. Geoffroy, in Description de l'Egypte, 2: 119, 1818. Egypt.

Plecotus christii Gray, Mag. Zool. and Bot., 2: 495, 1838. "North Africa." For Dr. Turnbull Christie.

Plecotus æthiopicus Heuglin, in Fitzinger and Heuglin, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 546, 1866; Reise in Nordost-Afrika, 2: 31, 1877. Bahr-el-Abiad, Anglo-Egyptian Sudan. Nomen nudum.

Range: Egypt, to Aswan.

Plecotus auritus teneriffæ Barrett-Hamilton

Plecotus teneriffæ Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 20: 520, Dec. 1907. Teneriffe, Orotava.

Rhinopterus Miller. Shagreened Bats

Rhinopterus Miller, Proc. Biol. Soc. Washington, 19: 85, 4 June 1906. Genotype *Glauconycteris floweri* De Winton.

Scabrifer G. M. Allen, Bull. Mus. Comp. Zool., 52: 46, July 1908. Substitute for *Rhinopterus*, not *Rhinoptera* Kuhl.

Rhinopterus floweri (De Winton)

Glauconycteris floweri De Winton, Ann. Mag. Nat. Hist. (7) 7: 46, Jan. 1901. Wad Marium near Khartoum, Anglo-Egyptian Sudan.

Rhinopterus lowei Thomas

Rhinopterus lowei Thomas, Ann. Mag. Nat. Hist. (8) 15: 559, June 1915. Blue Nile, 20 miles above Sennaar, Anglo-Egyptian Sudan.

Rhinopterus notius (G. M. Allen)

Scabrifer notius G. M. Allen, Bull. Mus. Comp. Zool., 52: 46, July 1908. Cape Town, South Africa.

Scoteinus Dobson

Scoteinus Dobson, Proc. Zool. Soc. London, p. 371, Oct. 1875. As a subgenus; type *Scotophilus emarginatus* Dobson; but *Scotophilus rueppellii* Peters and *S. greyii* Gray (Dobson) were also included.

Scoteinus schlieffenii schlieffenii (Peters)

Nycticejus schlieffenii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 223, 1860. Cairo, Egypt.

N[ycticejus] adovanus Heuglin, Reise in Nordost-Afrika, 2: 34, 1877. Asam River, at Adowa, Tigré, Abyssinia.

According to Peters, this was *Nycticejus schlieffenii*.

Scoteinus schlieffenii albiventer Thomas and Wroughton

Scoteinus schlieffeni albiventer Thomas and Wroughton, Proc. Zool. Soc. London, p. 540, 30 Oct. 1908. Naikhala, Upper Egypt.

Scotophilus minimus Noack, Zool. Jahrb., Syst., 2: 280, pl. 10, f. 36, 37, 7 May 1887. Qua Mpala, Marungu, Tanganyika Territory. (See Thomas, Ann. Mus. Civ. Stor. Nat., Genova, 29: 87, 3 Feb. 1890, as to status.)

Nycticeius africanus G. M. Allen, Bull. Mus. Comp. Zool., 54: 328, Dec. 1911. Meru River, Northern Guaso Nyiro, Kenya Colony.

Scoteinus schlieffenii australis Thomas and Wroughton

Scoteinus schlieffeni australis Thomas and Wroughton, Proc. Zool. Soc. London, p. 539, 30 Oct. 1908. Inhambane, Mozambique.

Scoteinus schlieffenii fitzsimonsi Roberts
Scoteinus schlieffeni fitzsimonsi Roberts, Ann. Transvaal Mus., 15: 17, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

Note.—The record of *Scoteinus pallidus* by Thomas, O., and Doria, G. (Ann. Mus. Civ. Stor. Nat. Genova, (2) 4: 206, 1887) based on a specimen supposed to have been taken at Massawa, Eritrea, proves to have been a mistake, as the specimen was wrongly labelled.

Scotœcus Thomas

Scotœcus Thomas, Ann. Mag. Nat. Hist. (7) 7: 263, March 1901. Genotype *Scotophilus albofuscus* Thomas.

Scotœcus albigula Thomas
Scotœcus albigula Thomas, Ann. Mag. Nat. Hist. (8) 4: 544, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 feet.

Scotœcus albofuscus (Thomas)
Scotophilus albofuscus Thomas, Ann. Mus. Civ. Stor. Nat. Genova, 29: 84, 3 Feb. 1890. Bathurst, Gambia.

Scotœcus artinii de Beaux
Scotœcus artinii de Beaux, Atti Soc. Ital. Sci. Nat. Milano, 62: 98, July 1923. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

Scotœcus cinnamomeus Wettstein
Scotœcus cinnamomeus Wettstein, Anzeiger K. Akad. Wiss. Wien, 53: 191, 1916. Nubbaka, Kordofan, Anglo-Egyptian Sudan.

Scotœcus falabæ Thomas
Scotœcus falabæ Thomas, Ann. Mag. Nat. Hist. (8) 16: 447, Nov. 1915. Kabwir, northern Nigeria.

Scotœcus hindei Thomas
Scotœcus hindei Thomas, Ann. Mag. Nat. Hist. (7) 7: 264, Mar. 1901. Kitui, Kenya Colony, 1150 meters.
For S. L. Hinde.

Scotœcus hirundo (De Winton)
Scotophilus hirundo De Winton, Ann. Mag. Nat. Hist. (7) 4: 355, Nov. 1899. Gambaga, Gold Coast.

Scotœcus woodi Thomas
Scotœcus woodi Thomas, Ann. Mag. Nat. Hist. (8) 19: 280, Mar. 1917. Chiromo, southern Nyasaland.

Scotophilus Leach. Brown Bats

Scotophilus Leach, Trans. Linn. Soc. London, 13: 69, 1821. Genotype *Scotophilus kuhlii* Leach. (Name not invalidated by *Scotophila* Hübner, 1816, in entomology.)

Pachyotus Gray, Zool. Miscellany, no. 1, p. 38, 1831 (in part, to include *Nycticejus* and *Scotophilus*); Miller, Bull. U. S. Nat. Mus., no. 57, p. 219, 1907. Genotype *Scotophilus kuhlii* Leach.

Review: Thomas, O., and Wroughton, R. C., Proc. Zool. Soc. London, 2: 539, 30 Oct. 1908 (South African forms).

Scotophilus borbonicus (E. Geoffroy)

Vespertilio borbonicus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 8: 201, pl. 46, 1806. "Ile-Bourbon," i.e. Mauritius.

Scotophilus gigas Dobson

Scotophilus gigas Dobson, Ann. Mag. Nat. Hist. (4) 16: 122, Aug. 1875. Lagos, southern Nigeria.

Range: Gold Coast to Nyasaland.

Scotophilus nigrita nigrita (Schreber)

Vespertilio nigrita Schreber, Säugthiere, 1: 171, pl. 58, 1775. Senegal.

Scotophilus nigrita colias Thomas

Scotophilus nigrita colias Thomas, Ann. Mag. Nat. Hist. (7) 13: 207, Mar. 1904. Fort Hall, Kenya Colony.

Scotophilus nigrita dinganii (Wahlberg)

Vesperugo dinganii Wahlberg, in Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, 119, 1846. The mountainous interior of Caffraria, near the Tropic ("nomine Ducis Caffrorum appellatus").

Scotophilus nigrita herero Thomas

Scotophilus nigrita herero Thomas, Ann. Mag. Nat. Hist. (7) 17: 174, Feb. 1906. Olifant Vlei, about 18° S., 17°30′ W., northern Damaraland, Southwest Africa.

Scotophilus nigrita leucogaster (Cretzschmar)

Nycticejus leucogaster Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördl. Afrika, Säugeth., p. 71, pl. 28a, 1826. Kordofan.

Nycticejus serratus Heuglin, Reise in Nordost-Afrika, 2: 35, 1877. "Scherq el Aqabah, am Araschkol und den benachbarten Granitgebirgen," Abyssinia.

Scotophilus nigrita nux Thomas

Scotophilus nigrita nux Thomas, Ann. Mag. Nat. Hist. (7) 13: 208, Mar. 1904. Efulen, Cameroons.

Scotophilus nigrita planirostris (Peters)

Nycticejus planirostris Peters, Reise nach Mossambique, Säugethiere, p. 65, pl. 17, f. 1, a–e, 1852. Tette, Mozambique.

Scotophilus nigritellus De Winton

Scotophilus nigritellus De Winton, Ann. Mag. Nat. Hist. (7) 4: 355, Nov. 1899. Gambaga, Gold Coast.

Scotophilus robustus Milne-Edwards

Scotophilus robustus Milne-Edwards, Compt. Rend. Acad. Sci. Paris, 91: 1035, 1881. Madagascar.

Scotophilus viridis viridis (Peters)

Nycticejus viridis Peters, Reise nach Mossambique, Säugeth., p. 67, pl. 17, f. 2, a–e, 1852. Island of Mozambique.

Scotophilus viridis damarensis Thomas

Scotophilus damarensis Thomas, Ann. Mag. Nat. Hist. (7) 17: 175, Feb. 1906. Olifant Vlei, northern Damaraland, Southwest Africa.

Scotophilus viridis damarensis Thomas and Wroughton, Proc. Zool. Soc. London, 2: 539, 30 Oct. 1908.

Scotophilus murino-flavus (Heuglin). Smaller Brown Bat.

Nycticejus murino-flavus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, pp. 5, 15, 1861. M'kullu, coast of Abyssinia (Ethiopia).

Nycticejus flavigaster Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 5, 14, 1861. Keren, Eritrea.

Scotophilus altilis G. M. Allen, Bull. Mus. Comp. Zool., 58: 350, July 1914. Aradeiba, above Roseires, Blue Nile, Anglo-Egyptian Sudan.

? syn. of *murino-flavus* Heuglin.

Subfamily KERIVOULINÆ. Forest Bats

Kerivoula Gray

Kerivoula Gray, Ann. Mag. Nat. Hist. (1) 10: 258, Dec. 1842. Genotype *Vespertilio hardwickii* Horsfield; five other species also included.

Kirivoula Gervais, Dict. Univ. d'Hist. Nat., 13: 213, 1849.

Nyctophilax Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 42: 390, 1860. To replace *Kerivoula*.

Nyctophylax Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 62: sect. 1, p. 544, Nov. 1870.
Cerivoula Blanford, Fauna British India, Mamm., p. 338, 1891 (emendatio).

KERIVOULA AEROSA Tomes
Kerivoula aerosa Tomes, Proc. Zool. Soc. London, p. 333, 9 Nov. 1858. South Africa, eastern coast.

KERIVOULA AFRICANA Dobson
Kerivoula africana Dobson, Cat. Chiroptera Brit. Mus., p. 335, 1878. Zanzibar.

KERIVOULA ARGENTATA Tomes
Kerivoula argentata Tomes, Proc. Zool. Soc. London, p. 32, May 1861. Otjoro, Southwest Africa.

KERIVOULA BRUNNEA Dobson
Kerivoula brunnea Dobson, Cat. Chiroptera Brit. Mus., p. 334, 1878. South Africa.

KERIVOULA CUPROSA Thomas
Kerivoula cuprosa Thomas, Ann. Mag. Nat. Hist. (8) 10: 41, July 1912. Bitye, Ja River, Cameroons.

?KERIVOULA ERIOPHORA (Heuglin)
Nycticejus eriophorus Heuglin, Reise in Nordost-Afrika, 2: 34, 1877. Belegaz valley, between Semien and Wogara, Abyssinia.

KERIVOULA HARRISONI Thomas
Kerivoula harrisoni Thomas, Proc. Zool. Soc. London, for 1900, p. 802, footnote, 1 Apl. 1901. Walamo, between Lakes Zwai and Margherita, northeastern Africa. For J. J. Harrison, coll.

KERIVOULA LANOSA (A. Smith)
Vespertilio lanosus A. Smith, Illustr. Zool. South Africa, Mamm., pl. 50 and text, Dec. 1847. Coast, 200 miles east of Cape Town.

KERIVOULA LUCIA Hinton
Kerivoula lucia Hinton, Ann. Mag. Nat. Hist. (9) 6: 240, Aug. 1920. N'dola, Northern Rhodesia.

KERIVOULA MUSCILLA Thomas
Kerivoula muscilla Thomas, Ann. Mag. Nat. Hist. (7) 18: 294, Oct. 1906. Ja River, Cameroons.

KERIVOULA NIDICOLA NIDICOLA (Kirk)
Nycticejus nidicola Kirk, Proc. Zool. Soc. London, for 1864, p. 650, May 1865. Shupanga, Zambesia.

KERIVOULA NIDICOLA ZULUENSIS Roberts

Kerivoula nidicola zuluensis Roberts, Ann. Transvaal Mus., 10: 61, 31 Jan. 1924. White Umfolosi River, Zululand, Natal; from nest of a weaver bird, with two others.

KERIVOULA PHALÆNA Thomas

Kerivoula phalæna Thomas, Ann. Mag. Nat. Hist. (8) 10: 281, Sep. 1912. Bibianaha, inland from Denkwa, Gold Coast.

KERIVOULA SMITHII Thomas

Kerivoula smithii Thomas, Ann. Mag. Nat. Hist. (5) 6: 166, text-f., Aug. 1880. Old Calabar, southern Nigeria.

Subfamily MINIOPTERINÆ. Long-fingered Bats

South African forms reviewed: Jameson, H. L., Ann. Mag. Nat. Hist. (8) 4: 471–472, Nov. 1909.

MINIOPTERUS Bonaparte

Miniopterus Bonaparte, Iconogr. d. Fauna Italica, 1: pt. 21, 1837. As a subgenus of *Vespertilio;* type *Vespertilio ursinii* Bonaparte = *V. schreibersii* Kuhl.

Miniopteris Gray, Ann. Mag. Nat. Hist. (3) 17: 91, Feb. 1866 (variant).

Minneopterus Lampe, Jahrb. Nassau Ver. Naturkunde, 53: Cat. Säugeth.-Sammlung, p. 12, 1900 (lapsus cal.).

MINIOPTERUS AFRICANUS Sanborn

Miniopterus africanus Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 111, 15 Aug. 1936. Sanford's Ranch, Mulo, Shoa district, northwest of Addis Ababa, Ethiopia.

MINIOPTERUS BREYERI BREYERI Jameson

Miniopterus breyeri Jameson, Ann. Mag. Nat. Hist. (8) 4: 471, Nov. 1909. Gatkoppies, Waterberg district, Transvaal.

= *Miniopterus natalensis*, Roberts, Ann. Transvaal Mus., 4: 68, 20 Oct. 1913.

MINIOPTERUS BREYERI VICINIOR J. A. Allen

Miniopterus breyeri vicinior J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 450, 29 Sep. 1917. Aba, northeastern Congo Belge.

MINIOPTERUS FRATERCULUS Thomas and Schwann

Miniopterus fraterculus Thomas and Schwann, Proc. Zool. Soc. London, 1: 162, 7 June 1906. Knysna, Cape Colony.

MINIOPTERUS INFLATUS Thomas
Miniopterus inflatus Thomas, Ann. Mag. Nat. Hist. (7) 12: 634, Dec. 1903. Efulen, Cameroons.

MINIOPTERUS MAJORI Thomas
Miniopterus majori Thomas, Ann. Mag. Nat. Hist. (7) 17: 175, Feb. 1906. Imasindrary, northeastern Betsileo, Madagascar.

MINIOPTERUS MANAVI Thomas
Miniopterus manavi Thomas, Ann. Mag. Nat. Hist. (7) 17: 176, Feb. 1906. Imasindrary, northeastern Betsileo, Madagascar.

MINIOPTERUS MINOR Peters
Miniopterus minor Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, for 1866, p. 885, 1867. Coast of Zanzibar.

MINIOPTERUS NATALENSIS NATALENSIS (A. Smith)
Vespertilio natalensis A. Smith, South African Quart. Journ., 2: 59, 1934. Natal.

MINIOPTERUS NATALENSIS ARENARIUS Heller
Miniopterus natalensis arenarius Heller, Smithsonian Misc. Coll., 60: no. 12, p. 2, 4 Nov. 1912. Guaso Nyuki, Northern Guaso Nyiro, Kenya Colony.

MINIOPTERUS NATALENSIS DASYTHRIX (Temminck)
Vespertilio dasythrix Temminck, Monogr. de Mammalogie, 2: 268, 1840. Interior of Caffraria = South Africa.
Miniopterus dasythrix A. Smith, Illustr. Zool. So. Africa, Mamm., pl. 52 and text, 1848.

MINIOPTERUS NATALENSIS SMITIANUS Thomas
Miniopterus smitianus Thomas, Proc. Zool. Soc. London, p. 373, 12 July 1927. Witvlei, 40 miles west of Gobabis, eastern Damaraland, Southwest Africa.
Miniopterus natalensis smitianus Shortridge, Mammals South West Africa, 1: 67, 1934.

MINIOPTERUS NEWTONI Bocage
Miniopterus newtoni Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 198, Dec. 1889. Island of St. Thomas.

MINIOPTERUS RUFUS Sanborn
Miniopterus rufus Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 112, 15 Aug. 1936. Katobwe, 40 miles below Bukama, Lualaba River, Congo Belge.

Miniopterus schreibersii (Kuhl)

Vespertilio schreibersii Kuhl, Wetterau. Anstalt, 4: 41, 1819. Germany. Range: Southern Europe and Algeria (not known from Egypt).

Miniopterus scotinus (Sundevall)

Vesperugo scotinus Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 119, 1846. Various places in Caffraria.

Indeterminable

Vespertilio epichrysus Temminck, in Smuts, Enum. Mamm. Cap., p. 106, 1832. Capetown, South Africa.

Vespertilio platycephalus Temminck, in Smuts, Enum. Mamm. Cap., p. 106, 1832. Capetown, South Africa.

Family MOLOSSIDÆ. Free-tailed Bats

Chærephon Dobson

Chærephon Dobson, Journ. Asiatic Soc. Bengal, 43: pt. 2, 144, 17 Oct. 1874. Subgenus of *Nyctinomus*. Thomas, Journ. Bombay Nat. Hist. Soc., 22: 91, 21 Apl. 1913 (generic characters keyed, and species listed). Genotype *Nyctinomus johorensis* Dobson.

Chærephon bivittatus (Heuglin)

Nyctinomus bivittatus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 13, 1861. Kérén, Eritrea.

Dysopes talpinus Heuglin, Reise Nordost-Afrika, 2: 28, 1877. Upper Abiad River, Anglo-Egyptian Sudan.

Dysopes hepaticus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: no. 7, p. 14, 1864. Country of the Req natives to the Djur River, i.e., Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Chærephon frater J. A. Allen

Chærephon frater J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 456, 29 Sep. 1917. Malela (near Boma), southwestern Congo Belge.

Chærephon gambianus (De Winton)

Nyctinomus gambianus De Winton, Ann. Mag. Nat. Hist. (7) 7: 39, Jan. 1901. Gambia.

Chærephon hindei (Thomas)

Nyctinomus hindei Thomas, Ann. Mag. Nat. Hist. (7) 13: 210, Mar. 1904. Fort Hall, Kenya Colony.

CHÆREPHON LEUCOGASTER (A. Grandidier)

Nyctinomus leucogaster A. Grandidier, Revue et Mag. de Zool., (2) 21: 337, Sep. 1869. Madagascar, Mahab, near Ménabé.

CHÆREPHON LEUCOSTIGMA G. M. Allen

Chærephon leucostigma G. M. Allen, Bull. Mus. Comp. Zool., 61: 513, 27 Feb. 1918. Tananarive, Madagascar.

CHÆREPHON LIMBATUS (Peters)

Dysopes limbatus Peters, Reise nach Mossambique, Säugeth., p. 56, pl. 14, 1852. Mozambique Island, Sena, 15–17° S.

Dysopes dubius Peters, Reise nach Mossambique, Säugeth., p. 60, pl. 15, f. 2, 1852. Sena (a young individual). Not *Nyctinomus dubius* A. Smith, 1833.

CHÆREPHON MAJOR (Trouessart)

Nyctinomus pumilus var. *major* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 1, p. 146, 1897. "Cataract of the Nile," Anglo-Egyptian Sudan; based on Dobson's description of a skin and skull (Cat. Chiroptera Brit. Mus., p. 428, 1878), apparently similar to a specimen described by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 1. p. 98, 1918) from Gondokoro, and regarded as identical with *Chærephon emini.*

Nyctinomus major De Winton, Ann. Mag. Nat. Hist. (7) 7: 40, Jan. 1901.

Nyctinomus emini De Winton, Ann. Mag. Nat. Hist. (7) 7: 40, Jan. 1901. "Mosambiro," but actually Usambiro, Tanganyika Territory (see Thomas, ibid. (7) 13: 210, footnote, Mar. 1904).

CHÆREPHON NIGERIÆ Thomas

Chærephon nigeriæ Thomas, Ann. Mag. Nat. Hist. (8) 11: 319, Mar. 1913. Zaria Province, northern Nigeria.

CHÆREPHON PUMILUS PUMILUS (Cretzschmar)

Dysopes pumilus Cretzschmar, in Rüppell's Atlas, Reise im Nördlichen Afrika, Säugeth., p. 69, pl. 27, 1826. Massawa, Eritrea.

Nyctinomus pusilus Lesson, Compléments de Buffon, ed. 2, Paris, 1: 328, 1838. Massawa, Eritrea. Error for *Dysopes pumilus* Cretzschmar.

CHÆREPHON PUMILUS ELPHICKI Roberts

Chærophon (sic) *pumilus elphicki* Roberts, Ann. Transvaal Mus., 11: 245, 14 Sep. 1926. Malelane estate, eastern Transvaal.

CHÆREPHON PUMILUS NAIVASHÆ Hollister

Chærephon pumilus naivashæ Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 4, 10 Feb. 1916. Naivasha Station, Kenya Colony.

Chærephon pusillus (Miller)

Nyctinomus pusillus Miller, Proc. Biol. Soc. Washington, 15: 245, 16 Dec. 1902. Aldabra Island. Not *Nyctinomus pusilus* Lesson, 1838, which is a misprint for *pumilus*.

Chærephon russatus J. A. Allen

Chærephon russatus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 458, text-fig. 25, 29 Sep. 1917. Medje, Congo Belge.

Chærephon websteri Dollman

Chærephon websteri Dollman, Ann. Mag. Nat. Hist. (8) 2: 546, Dec. 1908. Yola, northern Nigeria.

Subgenus Lophomops J. A. Allen

Lophomops J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 460, text-fig. 9–11, 29 Sep. 1917. Subgenus of *Chærephon;* type *Chærephon* (*Lophomops*) *chapini* J. A. Allen.

Chærephon abæ J. A. Allen

Chærephon (*Lophomops*) *abæ* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 464, text-fig. 11, 29 Sep. 1917. Aba, northeastern Congo Belge.

Chærephon chapini J. A. Allen

Chærephon (*Lophomops*) *chapini* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 461, text-fig. 9, 29 Sep. 1917. Faradje, northeastern Congo Belge.

Chærephon cristatus J. A. Allen

Chærephon (*Lophomops*) *cristatus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 463, text-fig. 10 A, B, 29 Sep. 1917. Boma, near mouth of Congo River, Congo Belge.

Chærephon lancasteri Hayman

Chærephon lancasteri Hayman, Ann. Mag. Nat. Hist. (11) 1: 383, Apl. 1938. Lunzi River, Lundazi district, Loangwa Valley, northeastern Rhodesia.

Chærephon langi Roberts

Chærephon (*Lophomops*) *langi* Roberts, Ann. Transvaal Mus., 15: 17, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

Chærephon nigri Hatt

Chærophon (sic) (*Lophomops*) *nigri* Hatt, Bull. Soc. Zool. de France, 53: 374, text-f. B, 10 Dec. 1928. Bourem, on the Niger River, Timbuctou district, French Sudan.

CHÆREPHON SHORTRIDGEI Thomas

Chærephon (*Lophomops*) *shortridgei* Thomas, Proc. Zool. Soc. London, p. 289, 29 Apl. 1926. Ukualukasi, northwestern Ovamboland, Southwest Africa, 3400 feet.

MOPS Lesson

Mops Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 18, 1842. Genotype *Mops indicus* Lesson = *Dysopes mops* F. Cuvier. See Thomas, Journ. Bombay Nat. Hist. Soc., 22: 91, 21 Apl. 1913, for generic characters and list of species.

MOPS ANGOLENSIS ANGOLENSIS (Peters)

Nyctinomus angolensis Peters, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 124, Dec. 1870. (Quenza River), Angola.

MOPS ANGOLENSIS ALOYSII-SABAUDIÆ (Festa)

Nyctinomus aloysii-sabaudiæ Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. di Torino, 22: no. 546, p. 1, 21 Jan. 1907. Ruwenzori.

Chærephon angolensis sabaudiæ de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9 = 49: 371, 28 Aug. 1922.

MOPS ANGOLENSIS NIVEIVENTER Cabrera and Ruxton

Mops angolensis niveiventer Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 594, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

MOPS ANGOLENSIS WONDERI Sanborn

Mops angolensis wonderi Sanborn, Zool. Ser. Field Mus. Nat. Hist., 20: 114, 15 Aug. 1936. Sotuba, 7 km. east of Bamako, French Sudan.

MOPS BRACHYPTERUS (Peters)

Dysopes brachypterus Peters, Reise nach Mossambique, Säugeth., p. 59, pl. 15 f. 1, 1852. Island of Mozambique, lat. 15° S.

MOPS CHITAUENSIS Hill

Mops chitauensis Hill, Amer. Mus. Novitates, no. 916, pp. 2, 3, text-f. 1, 17 Apl. 1937. Chitau, Angola.

MOPS CONGICUS J. A. Allen

Mops congicus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 467, pl. 55, 29 Sep. 1917. Medje, Congo Belge.

MOPS DEMONSTRATOR (Thomas)

Nyctinomus demonstrator Thomas, Ann. Mag. Nat. Hist. (7) 12: 504, Nov. 1903. Mangala, 25 miles north of Gondokoro, Kordofan, Anglo-Egyptian Sudan (= Mongalla).

Mops leonis (Thomas)

Nyctinomus leonis Thomas, Ann. Mag. Nat. Hist. (8) 2: 373, Oct. 1908. Sierra Leone.

Range: Sierra Leone to Cameroons, Fernando Po.

Mops miarensis (A. Grandidier)

Nyctinomus miarensis A. Grandidier, Revue et Mag. de Zool., (2) 21: 337, Sep. 1869. Madagascar, Miari, between Soua-haze and Soua-hané.

Nyctinomus unicolor A. Grandidier, Revue et Mag. de Zool., (2) 22: 49, Feb. 1870. Madagascar. See Dobson, Cat. Chiroptera Brit. Mus., p. 430, footnote, 1878, as to this name being a synonym of *N. miarensis*.

Mops niangaræ J. A. Allen

Mops niangaræ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 468, 29 Sep. 1917. Niangara, northeastern Congo Belge.

Mops rüppellii (Temminck)

Dysopes rupelii Temminck (sic), Monographies de Mammalogie, 1: 224, pl. 18, 1827. Egypt.

There seems no doubt that this name must replace *midas* Sundevall.

Dysopes midas Sundevall, Kongl. Svenska Vet.-Acad. Handl., Stockholm, for 1842, p. 207, pl. 2, f. 7, 1843. Bahr-el-Abiad, White Nile, Anglo-Egyptian Sudan.

Nyctinomus (*Dysopes*) *ventralis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 4, 11, 1861. Kérén, Abyssinia.

Nyctinomus rüppellii Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 54: sect. 1, p. 545, 1866.

Mops thersites (Thomas)

Nyctinomus thersites Thomas, Ann. Mag. Nat. Hist. (7) 12: 634, Dec. 1903. Efulen, Cameroons.

Mops trevori (J. A. Allen)

Mops trevori J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 469, pl. 48, f. 2, 29 Sep. 1917. Faradje, northeastern Congo Belge.

Subgenus Allomops J. A. Allen

Allomops J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 470, text-fig. 12–15, 29 Sep. 1917. Subgenus of *Mops*, type *Chærephon* (*Allomops*) *osborni* J. A. Allen = *Mops osborni* (J. A. Allen).

Mops faradjius J. A. Allen

Mops (*Allomops*) *faradjius* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 476, 29 Sep. 1917. Faradje, northeastern Congo Belge.

MOPS NANULUS J. A. Allen

Mops (*Allomops*) *nanulus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 477, 29 Sep. 1917. Niangara, Congo Belge.

MOPS OCCIPITALIS J. A. Allen

Mops (*Allomops*) *occipitalis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 474, text-f. 15, 29 Sep. 1917. Avakubi, Congo Belge.

MOPS OSBORNI (J. A. Allen)

Chærephon (*Allomops*) *osborni* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 470, text-f. 12–15, 29 Sep. 1917.

Mops (*Allomops*) *osborni* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 473, text-f. 12–14, 26, 29 Sep. 1917. Kinshasa, near Leopoldville, Congo Belge.

MORMOPTERUS Peters

Mormopterus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 258, 1865. As a subgenus of *Dysopes;* type *Nyctinomus jugularis* Peters.

MORMOPTERUS ACETABULOSUS ACETABULOSUS (Hermann)

Vespertilio acetabulosus Hermann, Observationes Zoologicæ, p. 19, 1804. Port Louis, Island of Mauritius (ex Commerson MS.).

Nyctinomus mauritianus Horsfield, Zool. Researches in Java, pt. 5, 9th page of text in acct. of *N. tenuis*. Port Louis, Island of Mauritius (renaming of *Vespertilio acetabulosus* Hermann, ex Commerson).

Nyctinomus (*Mormopterus*) *jugularis* Peters, in Sclater, Proc. Zool. Soc. London, p. 468, Oct. 1865. Antananarivo, Madagascar.

MORMOPTERUS ACETABULOSUS NATALENSIS (A. Smith)

Dysopes natalensis A. Smith, Illustr. Zool. South Africa, Mamm., pl. 49, Dec. 1847. Near Port Natal, South Africa.

MORMOPTERUS ALBIVENTER (Dobson)

Nyctinomus albiventer Dobson, Proc. Zool. Soc. London, for 1876, p. 733, Apl. 1877. Madagascar.

MORMOPTERUS SETIGER (Peters)

M[*ormopterus*] *setiger* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483, pl., f. 3, 1881. Taita, Kenya Colony.

MYOPTERUS Oken

Myopterus Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2, p. 932, 1816. Genotype *Myopterus senegalensis* Oken the "rat-volant" of Daubenton. See Miller, Bull. U. S. Nat. Mus., no. 57, p. 246, 1907.

Myopteris Desmarest, Encyclop. Méthodique, Mammalogie, 1: 131, 1820; emendation.

Myoptera Blainville, Compt. Rend. Acad. Sci. Paris, 5: 815, 1837, variant.
Eomops Thomas, Ann. Mag. Nat. Hist. (7) 16: 572, Nov. 1905. Genotype *Mormopterus whitleyi* Scharff.

MYOPTERUS ALBATUS Thomas
Myopterus albatus Thomas, Ann. Mag. Nat. Hist. (8) 16: 469, Dec. 1915. River Uele, Congo Belge.

MYOPTERUS SENEGALENSIS Oken
Myopterus senegalensis Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2, p. 932, 1816. Senegal. Based on Daubenton's account.
Myopterus daubentonii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 574, 1866. Senegal. Peters credits the name to E. Geoffroy, Descrip. de l'Egypte, 2: 113, 1818, in which Trouessart follows, but only the generic name appears there.
Myopteris (sic) *daubentonii* Desmarest, Encyclop. Méthodique, Mammalogie, 1: 132, 1820. Senegal; based on the "rat-volant" of Daubenton (Mém. Acad. Roy. Sci. Paris, p. 386, 1759).

MYOPTERUS WHITLEYI (Scharff)
Mormopterus whitleyi Scharff, Ann. Mag. Nat. Hist. (7) 6: 569, text-f., Dec. 1900. Benin City, West Africa.

NYCTINOMUS E. Geoffroy. Wrinkle-lipped Bats

Nyctinomus E. Geoffroy, Description de l'Egypte, 2: 114, pl. 2, 1818. Genotype *Nyctinomus ægyptiacus* E. Geoffroy.

NYCTINOMUS ÆGYPTIACUS E. Geoffroy
Nyctinomus ægyptiacus E. Geoffroy, Description de l'Egypte, 2: 128, pl. 2, no. 2, 1818. Egypt.
Dysopes geoffroyi Temminck, Monogr. de Mammalogie, 1: 226, pl. 19, 1827. Egypt. Substitute for *Nyctinomus ægyptiacus* E. Geoffroy.

NYCTINOMUS AFRICANUS Dobson
Nyctinomus africanus Dobson, Ann. Mag. Nat. Hist. (4) 17: 348, May 1876. Transvaal.

NYCTINOMUS ANCHIETÆ Seabra
Nyctinomus anchietæ Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 82, Aug. 1900. Quibula, Angola.

NYCTINOMUS ANSORGEI Thomas
Nyctinomus ansorgei Thomas, Ann. Mag. Nat. Hist. (8) 11: 318, Mar. 1913. Malange, northern Angola.

NYCTINOMUS BEMMELENI Jentink
Nyctinomus bemmeleni Jentink, Notes Leyden Mus., 1: 125, Apl. 1879. Liberia.
Nyctinomus vemmeleni Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 146, 1897 (mistake for *bemmeleni*).

NYCTINOMUS BOCAGEI Seabra
Nyctinomus bocagei Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 84, Aug. 1900. Galanga, Angola.

NYCTINOMUS BRUNNEUS Seabra
Nyctinomus brunneus Seabra, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 6: 83, Aug. 1900. Quissange, Angola.

NYCTINOMUS CISTURUS Thomas
Nyctinomus cisturus Thomas, Ann. Mag. Nat. Hist. (7) 12: 502, Nov. 1903. Mangala, 25 miles north of Gondokoro, Kordofan, Anglo-Egyptian Sudan.

NYCTINOMUS CONDYLURUS A. Smith
Nyctinomus condylurus A. Smith, South African Quart. Journ., 1: 54, 1833. Port Natal, South Africa.
Probably valid for the larger *Nyctinomus* of South Africa.

NYCTINOMUS DUBIUS A. Smith
Nyctinomus dubius A. Smith, South African Quart. Journ., 1: 54, 1833. South Africa, between Cape Colony and Natal.
Status uncertain, but probably applicable to some one of the species of *Chærephon* or *Nyctinomus* of South Africa.

NYCTINOMUS FULMINANS Thomas
Nyctinomus fulminans Thomas, Ann. Mag. Nat. Hist. (7) 12: 501, Nov. 1903. Fianarantsoa, eastern Betsileo, Madagascar.

NYCTINOMUS LOBATUS Thomas
Nyctinomus lobatus Thomas, Ann. Mag. Nat. Hist. (6) 7: 303, Mar. 1891. Turquel, Sük, Kenya Colony.

NYCTINOMUS OCHRACEUS J. A. Allen
Nyctinomus ochraceus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37: 455, 29 Sep. 1917. Medje, northeastern Congo Belge.

NYCTINOMUS SPILLMANNI Monard
Nyctinomus spillmanni Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 51, 1932. Vila da Ponte, Angola.

NYCTINOMUS TONGAËNSIS Wettstein

Nyctinomus (*Nyctinomus*) *tongaënsis* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 192, 1916. Tonga, Upper White Nile, Anglo-Egyptian Sudan.

OTOMOPS Thomas

Otomops Thomas, Journ. Bombay Nat. Hist. Soc., 22: 90, 21 Apl. 1913. Genotype *Nyctinomus wroughtoni* Thomas.

OTOMOPS ICARUS Chubb

Otomops icarus Chubb, Ann. Durban Mus., 1: 433, pl. 21, 21 May 1917. Durban, Natal.

OTOMOPS MARTIENSSENI (Matschie)

Nyctinomus martiensseni Matschie, Arch. f. Naturg., 63: sect. 1, p. 84, Oct. 1897. Magrotto plantation near Tanga, Tanganyika Territory. The African representative of *O. wroughtoni* of India.

PLATYMOPS Thomas

Subgenus PLATYMOPS Thomas

Platymops Thomas, Ann. Mag. Nat. Hist. (7) 17: 499, May 1906. Genotype *Platymops macmillani* Thomas.

PLATYMOPS MACMILLANI Thomas

Platymops macmillani Thomas, Ann. Mag. Nat. Hist. (7) 17: 500, May 1906. Between Addis Ababa and Lake Rudolf, Abyssinia.

Subgenus SAUROMYS Roberts

Sauromys Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. As a subgenus of *Platymops* Thomas, with p^2 present; type *Platymops haagneri* Roberts.

PLATYMOPS HAAGNERI Roberts

Platymops haagneri Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. Keetmanshoop, Damaraland, Southwest Africa.

PLATYMOPS PETROPHILUS Roberts

Platymops petrophilus Roberts, Ann. Transvaal Mus., 6: 4, 28 June 1917: Bleskop, near Rustenburg, Transvaal.

XIPHONYCTERIS Dollman

Xiphonycteris Dollman, Ann. Mag. Nat. Hist. (8) 7: 210, Feb. 1911. Genotype *Xiphonycteris spurrelli* Dollman.

XIPHONYCTERIS SPURRELLI Dollman

Xiphonycteris spurrelli Dollman, Ann. Mag. Nat. Hist. (8) 7: 211, Feb. 1911. Bibianaha, 60 miles west of Kumasi, Gold Coast, Nigeria.

Order PRIMATES. Lemurs and Monkeys, Man

Suborder LEMUROIDEA. Lemurs

Lemuriformes Schwarz, Proc. Zool. Soc. London, p. 400, 29 June 1931.

Family LORISIDÆ. Galagos and Slow Lemurs

Subfamily LORISINÆ. Slow Lemurs

Review: Schwarz, E. On the African short-tailed lemurs or pottos. Ann. Mag. Nat. Hist. (10) 8: 249–256, Sep. 1931.

Arctocebus Gray. Golden Potto

Arctocebus Gray, Proc. Zool. Soc. London, p. 150, Oct. 1863. Genotype *Perodicticus calabarensis* J. A. Smith.

Perodicticus, *Nycticebus*, in part, of older authors.

Arctocebus calabarensis calabarensis (J. A. Smith)

Perodicticus calabarensis J. A. Smith, Proc. Roy. Phys. Soc. Edinburgh, 2: 177, text-f. 1–3, pl. 8, 1860, 1863 on title page. Old Calabar, southern Nigeria.

Range: Cameroon Mt. region, north to the limit of forest, west to the Niger and Sanaga Rivers.

Arctocebus calabarensis aureus De Winton

Arctocebus aureus De Winton, Ann. Mag. Nat. Hist. (7) 9: 48, Jan. 1902. Spanish Guinea, 50 miles from the mouth of the Benito River.

Arctocebus ruficeps Thomas, Ann. Mag. Nat. Hist. (8) 12: 387, Oct. 1913. Metet, near the Nyong River, southern Cameroons.

Range: Spanish Guinea and the Cameroons.

Perodicticus Bennett. Pottos

Perodicticus Bennett, Proc. Zool. Soc. London, p. 109, 1 Sep. 1831; Philos. Mag. (2) 10: 389, 1831. Genotype *Perodicticus geoffroyi* Bennett = *Lemur potto* P.L.S. Müller.

Potto Lesson, Species Mamm. Bimanes et Quadrumanes, pp. 207, 237, 1840. Genotype *Potto bosmanii* Lesson = *Lemur potto* P.L.S. Müller.

Perodicticus potto potto (P.L.S. Müller)

Lemur potto P.L.S. Müller, Linné's Natursyst., Suppl., p. 12, 1766. Elmina, Gold Coast (based on the Potto of Bosman).

Galago guineensis Desmarest, Encyclop. Méthodique, Mammalogie, 1: 104, 1820. Guinea. New name for *Lemur potto* P.L.S. Müller.

Perodicticus geoffroyi Bennett, Proc. Zool. Soc. London, p. 109, 1 Sep. 1831. Sierra Leone.

Potto bosmanii Lesson, Species Mamm. Bimanes et Quadrumanes, p. 238, 1840. Elmina, Gold Coast (renaming of *Lemur potto* P. L. S. Müller).

Range: Upper Guinea, from the Niger River west to the Gold Coast.

Perodicticus potto edwardsi A. Bouvier

Perodicticus edwardsi A. Bouvier, "Guide du Naturaliste", Revue Bibl. Sci. Nat., 1: 10, 1879. North bank of Congo River.

Perodicticus batesi De Winton, Ann. Mag. Nat. Hist. (7) 9: 48, Jan. 1902. "Benito River, 15 miles from the mouth"? = Spanish Guinea.

Perodicticus ju-ju Thomas, Ann. Mag. Nat. Hist. (8) 5: 351, Apl. 1910. Southern Nigeria.

Range: Forest region from lower Guinea coast (Cameroons, Rio Muni) east to between the Niger, Ubangi, and Congo Rivers.

Perodicticus potto faustus Thomas

Perodicticus faustus Thomas, Ann. Mag. Nat. Hist. (8) 6: 426, Oct. 1910. Irneti, Bompona, Maringa River, northwestern Congo Belge.

Range: Forests of left bank of the Congo.

Perodicticus potto ibeanus Thomas

Perodicticus ibeanus Thomas, Abstract Proc. Zool. Soc. London, no. 81, p. 17, 22 Mar. 1910; Proc. Zool. Soc. London, p. 536, 11 Oct. 1910. Kakamega Forest, near Mt. Elgon, Kenya Colony.

Perodictius (sic) *arrhenii* Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 45, 1 Sep. 1917. Near Masisi, three days west of Lake Kivu, Congo Belge.

Periodicticus (sic) *nebulosus* Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 239, 1917. Ukaika, Ituri forest, Congo Belge.

Range: Forest region and isolated areas north and east of the Congo, from the Ubangi east to Mau forest, Kenya Colony.

Subfamily GALAGINÆ. Galagos or Bush Babies

Galago E. Geoffroy

Galago E. Geoffroy, Mag. Encyclopédique, 2e ann., 1: 49, pl., 1796. Genotype *Galago senegalensis* E. Geoffroy.

Otolicnus Illiger, Prodromus Syst. Mamm. et Avium, p. 74, 1811. Genotype *Lemur galago* Schreber = *Galago senegalensis* E. Geoffroy.

Macropus G. Fischer, Mém. Soc. Imp. des Nat., Moscou, 1: 12, 1811. New name for *Galago* E. Geoffroy, hence genotype *Galago senegalensis* E. Geoffroy. Preoccupied by *Macropus* Shaw, 1790, for kangaroos.

Galagoides A. Smith, South African Quart. Journ., (2) 2: 32, 1833. Genotype *Galago demidovii* G. Fischer (see Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxix, 1912 = 15 June 1913).

Chirosciurus Gervais, Dictionnaire Pittoresque d' Hist. Nat., 4: pt. 318, p. 617, 1836. Based on the Khoyak of G. Cuvier and E. Geoffroy, Mag. Encyclop., (1) 2: 182, 1795, which is *Galago senegalensis* E. Geoffroy.

Hemigalago Dahlbom, Zool. Studier, 1: pt. 3, p. 224, 225, pl. 10, 1857. Genotype *Galago demidovii* G. Fischer.

Otolemur Coquerel, Revue et Mag. de Zool., (2) 11: 458, pl. 17–18, 1859. Genotype *Otolemur agisymbanus* Coquerel = *Galago crassicaudatus agisymbanus* (Coquerel).

Callotus Gray, Proc. Zool. Soc. London, p. 132, 145, 1863. Genotype *Callotus monteiri* Gray = *Galago crassicaudatus monteiri* Gray.

Gray misspells the name *Callotis* in Proc. Zool. Soc. London, p. 458, 1864.

Otogale Gray, Proc. Zool. Soc. London, p. 132, 139, Oct. 1863. Type by subsequent designation *Otolicnus garnettii* Ogilby = *Galago crassicaudatus garnettii* (Ogilby).

Sciurocheirus Gray, Proc. Zool. Soc. London, for 1872, p. 857, text-f. 5, Apl. 1873. Genotype by monotypy *Galago alleni* Waterhouse.

Review: Schwarz, E. On the African long-tailed lemurs or galagos. Ann. Mag. Nat. Hist. (10) 7: 41–66, Jan. 1931.

GALAGO ALLENI Waterhouse

Galago alleni Waterhouse, Proc. Zool. Soc. London, for 1837, p. 87, 13 Feb. 1838. Island of Fernando Po.

Galago allenii, var. *gabonensis* Gray, Proc. Zool. Soc. London, p. 146, Oct. 1863. Gaboon.

Otolicnus alleni var. *cameronensis* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 472, 1876. Aqua Town (Duala), Cameroons.

Galago gabonensis batesi Elliot, Ann. Mag. Nat. Hist. (7) 20: 187, Sep. 1907. Como ("Kemo") River, 75 miles from mouth, Gaboon.

Range: Forest region from the lower Niger and the Ubangi Rivers west to the Gulf of Guinea and Island of Fernando Po.

GALAGO CRASSICAUDATUS CRASSICAUDATUS E. Geoffroy

Galago crassicaudatus E. Geoffroy, Ann. Mus. d' Hist. Nat. Paris, 19: 166, 1812. No locality given, but fixed by Thomas (Ann. Mag. Nat. Hist. (8) 20: 48, July 1917), as Quelimane, Mozambique.

Otogale crassicaudata var. *kirkii* Gray, Proc. Zool. Soc. London, for 1864, p. 456, May 1865. Quelimane, Mozambique.

Otolemur badius Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 277, 1905. Ugalla (or Ualaba) River, Tanganyika Territory.

Range: South slope of Uluguru Mts., Tanganyika Territory, south to the Zambesi River and west to the central Rift Valley.

GALAGO CRASSICAUDATUS AGISYMBANUS (Coquerel)

Otolemur agisymbanus Coquerel, Revue et Mag. de Zool., (2) 11: 459, pl. 17–18, f. 1-1 b, 1859. Agisymbana Island, northern Zanzibar, East Africa.

Range: Zanzibar and Pemba Islands.

GALAGO CRASSICAUDATUS ARGENTATUS Lönnberg

Galago argentatus Lönnberg, Ann. Mag. Nat. Hist. (8) 11: 167, Jan. 1913. Ukina, east of Shirati, east of Lake Victoria, Tanganyika Territory.

Range: East shores of Lake Victoria, Ukerewe Island.

GALAGO CRASSICAUDATUS GARNETTII (Ogilby)

Otolicnus garnettii Ogilby, Proc. Zool. Soc. London, p. 6, July 1838. No locality, but regarded usually as "Natal", although "accepted" as Zanzibar by Thomas (Ann. Mag. Nat. Hist. (8) 20: 48, July 1917); but see Schwarz (ibid., (10) 5: 49–50, Jan. 1930).

Galago zuluensis Elliot, Ann. Mag. Nat. Hist. (7) 20: 186, Sep. 1907. Zululand, Natal.

GALAGO CRASSICAUDATUS KIKUYUENSIS Lönnberg

Galago (*Otolemur*) *kikuyuensis* Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912. Escarpment Station, Kikuyu, Naivasha Province, Kenya Colony.

GALAGO CRASSICAUDATUS LASIOTIS Peters

Galago lasiotis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 912, text-f. 1, 1876. Mombasa, Kenya Colony.

Galago hindei Elliot, Ann. Mag. Nat. Hist. (7) 20: 186, Sep. 1907. Kitui, Athi River, Kenya Colony.

Galago hindsi Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: 62, 1912 =15 June 1913 (lapsus cal.).

Range: Italian Somaliland and Kenya Colony, from lower Juba River, south to Tanga, Tanganyika Territory.

GALAGO CRASSICAUDATUS LÖNNBERGI Schwarz

Galago crassicaudatus lönnbergi Schwarz, Ann. Mag. Nat. Hist. (10) 5: 48, Jan. 1930. Tambarara, Gorongoza Mts., Mozambique.

Range: South of the Zambezi River to the Limpopo, exact limits unknown.

GALAGO CRASSICAUDATUS MONTEIRI (Gray)

Callotus monteiri Gray (ex Bartlett MS.), Proc. Zool. Soc. London, p. 145, Oct. 1863. Cuvo Bay, south of Loanda, Angola.

Range: South-central and southwestern Africa from the central African Rift Valley in the east, between Baraka and the Zambezi River.

GALAGO CRASSICAUDATUS PANGANIENSIS (Matschie)

Otolemur panganiensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 278, Dec. 1905. Arusha, near Mt. Kilimanjaro, Tanganyika Territory.

Range: Tanganyika Territory from Mt. Kilimanjaro and Mt. Meru south to the Uluguru Mts., and on Mafia Island.

GALAGO CRASSICAUDATUS UMBROSUS Thomas

G[alago] c[rassicaudatus] umbrosus Thomas, Ann. Mag. Nat. Hist. (8) 20: 49, July 1917. Woodbush Mountain, Tzaneen Estate, Zoutpansberg district, northern Transvaal.

Range: Only recorded from type locality.

GALAGO DEMIDOVII DEMIDOVII G. Fischer

Lemur minutus G. Cuvier, Tabl. Elément. Hist. Nat. des Anim., p. 101, 1798. Senegal. "Unidentifiable. . . . Some authors have synonymized the species with *Galago demidoffi* G. Fischer, described eight years later" (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 302, 6 Feb. 1925).

Galago cuvieri G. Fischer, Mém. Soc. Imp. des Naturalistes, Moscou, 1: 23, 1806. New name for *Lemur minutus* G. Cuvier, which is unidentifiable.

Galago demidovii G. Fischer, Comment. Soc. Phys. Med. Moscou, 1: 57, 1808, apud Sherborn. Senegal.

Galagoides demidoffi A. Smith, South African Quart. Journ., 2: no. 1, pt. 2, p. 32, 1833 (fide Sherborn).

Mioxicebus rufus Lesson, Species Mamm. Bimanes et Quadrumanes, p. 219, 1840. "Madagascar," but said to be a synonym of *Galago demidovii* G. Fischer (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 303, 6 Feb. 1925).

Octolicnus (sic) *peli* Temminck, Esquisses Zool. sur la Côte de Guiné, p. 42, 1853. Dabacrom, Gold Coast.

Range: Forest region from Senegal to Liberia, Gold Coast and Niger River.

GALAGO DEMIDOVII ANOMURUS Pousargues

Galago (Hemigalago) anomurus Pousargues, Bull. Soc. Zool. de France, 18: 51, 1893; Nouv. Arch. Mus. d'Hist. Nat. Paris, (3) 6: 157, pl. 2 (col.), 1894. Upper Kemo River, right affluent of the Ubangi, French Congo.

Hemigalago demidoffi medius Thomas, Ann. Mag. Nat. Hist. (8) 16: 466, Dec. 1915. Poko, upper Uele district, Congo Belge.

Range: Forests of right bank of the Congo, from the upper Shari and east of the Ubangi Rivers, south to Panga on the middle Aruwimi.

GALAGO DEMIDOVII ORINUS Lawrence and Washburn

Galago demidovii orinus Lawrence and Washburn, Occasional Papers Boston Soc. Nat. Hist., 8: 259, 8 Jan. 1936. Bagilo, Uluguru Mts., Tanganyika Territory, 5000 feet.

GALAGO DEMIDOVII PHASMA Cabrera and Ruxton

Galagoides demidoffi phasma Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 596, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

Range: Forest region on left bank of the Congo, from near its mouth east to Tanganyika-Morro district.

GALAGO DEMIDOVII POENSIS Thomas

Galago demidoffi poensis Thomas, Abstract Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 186, 18 Apl. 1905. Bantaberi, Island of Fernando Po, 1800 m.

Range: Island of Fernando Po.

GALAGO DEMIDOVII PUSILLUS (Peters)

Otolicnus pusillus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 473, 1876. Donguila, Gaboon, French Equatorial Africa.

According to Schwarz, E., (Ann. Mag. Nat. Hist. (10) 7: 62, Jan. 1931), the type is from Old Gaboon Station (Libreville), Gaboon.

GALAGO DEMIDOVII THOMASI Elliot

Galago (*Hemigalago*) *thomasi* Elliot, Ann. Mag. Nat. Hist. (7) 20: 189, Sep. 1907. Fort Benin, Semliki River, border of Uganda and Congo Belge.

Galago matschiei Lorenz, Ann. K. K. Naturhist. Hofmus., Wien, 31: 237, 1917. Moëra, Ituri forest, Congo Belge.

Range: Central Ituri forest region east to Lake Victoria and the Victoria Nile.

GALAGO SENEGALENSIS SENEGALENSIS E. Geoffroy

Galago senegalensis E. Geoffroy, Mag. Encyclopéd., 1: 38–41, pl. 1, 1796. Senegal.

Lemur galago G. Cuvier, Tabl. Élément. Hist. Nat. des Anim., p. 101, 1798. Senegal.

Lemur calago Shaw, Gen. Zool., Mamm., 1: 108, 1800. Senegal.

Galago geoffroyi G. Fischer, Mém. Soc. Imp. des Nat., Moscou, 1: 25, 1806. Substitute name for *G. senegalensis* E. Geoffroy.

Galago acaciarum Lesson, Species Mamm. Bimanes et Quadrumanes, p. 246, 1840. New name for *G. senegalensis* E. Geoffroy.

Otolicnus teng Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 201, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

Galago murinus Murray, Edinburgh Philosophical Journ., 10: 243, 1859.

Galago sennariensis Gray, Proc. Zool. Soc. London, p. 147, text-f., Oct. 1863. White Nile, Sennaar, Anglo-Egyptian Sudan. According to Schwarz (Ann. Mag. Nat. Hist. (10) 7: 53, footnote, Jan. 1931) this is the first publication of the name in a technical sense; *Otolicnus galago*, a. *sennariensis* Wagner (Schreber's Säugthiere, Suppl., 5: 158, 1855) is only a geographical designation.

Galago pupulus Elliot, Ann. Mag. Nat. Hist. (8) 5: 77, Jan. 1910. Yola, Nigeria.

Range: French and Anglo-Egyptian Sudan in the savanna country, from Senegal and Gambia east to Abyssinia.

GALAGO SENEGALENSIS ALBIPES Dollman

Galago braccatus albipes Dollman, Ann. Mag. Nat. Hist. (8) 4: 549, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony.

Range: Uplands of Kenya Colony west of the Rift Valley.

GALAGO SENEGALENSIS BRACCATUS Elliot

Galago braccatus Elliot, Ann. Mag. Nat. Hist. (7) 20: 187, Sep. 1907. (Tsavo River north of) Mount Kilimanjaro, Kenya Colony.

Range: Uplands of Kenya and Tanganyika, west to the Great Rift Valley, south to Pangani River.

GALAGO SENEGALENSIS BRADFIELDI Roberts

Galago moholi bradfieldi Roberts, Ann. Transvaal Mus., 14: 224, 28 July 1931. No locality given, but according to Shortridge (Mamm. South West Africa, 1: 11, 1934) the type was from Waterberg, Southwest Africa.

GALAGO SENEGALENSIS DUNNI Dollman

Galago dunni Dollman, Ann. Mag. Nat. Hist. (8) 5: 92, Jan. 1910. Headwaters of Fafan, 35 miles east of Harar, Somaliland.

Range: Abyssinian plateau.

GALAGO SENEGALENSIS GALLARUM Thomas

Galago gallarum Thomas, Ann. Mag. Nat. Hist. (7) 8: 27, July 1901. Webi Dau, Boran Galla country, southern Abyssinia.

Range: Somaliland and Galla country south of the Abyssinian plateau and Chercher Range, south to Northern Guaso Nyiro and Tana River, Kenya Colony.

GALAGO SENEGALENSIS GRANTI Thomas and Wroughton

Galago granti Thomas and Wroughton, Proc. Zool. Soc. London, p. 286, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

Galago mertensi Frade, Bull. Soc. Portuguaise Sci. Nat., Lisbonne, 9: 128, 1924. Chibuto =Shibuto, Inhambane, Prov. Lourenço Marques, Mozambique.

Range: Southern part of Mozambique.

GALAGO SENEGALENSIS INTONTOI Monard

Galago moholi var. *intontoi* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 55: 67, 1931. Type locality not designated, specimens recorded from Mbalé River, Caquindo, Chimporo, and Vila da Ponte, Angola.

Galago senegalensis inustus Schwarz

Galago senegalensis inustus Schwarz, Revue Zool. et Bot. Africaines, 19: 391, 1 Oct. 1930. Djugu, west of Lake Albert, south of Mahagi, Ituri district, Congo Belge. According to Hayman (Ann. Mag. Nat. Hist. (10) 20: 150, July 1937) this should stand as a full species.

Range: Semliki-Ituri divide.

Galago senegalensis moholi A. Smith

Galago moholi A. Smith, Report Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, under Dr. A. Smith, p. 42, June 1836. Banks of the Marikwa and Limpopo, Bechuanaland.

Galago conspicillatus I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat., Paris, Primates, pt. 1, p. 81, 1851.

Otolicnus galago var. *australis* Wagner, Schreber's Säugthiere, Suppl., 5: 158, 1855. New name for *Galago moholi* A. Smith; according to Schwarz (Ann. Mag. Nat. Hist. (10) 7: 53, footnote, Jan. 1931) this is not a technical use of the name but adjectival merely.

O[tolicnus] mossambicus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 473, footnote, 1876. Tette, south bank of Zambesi River, Mozambique; based on the *O. senegalensis* of the "Reise."

Galago nyasæ Elliot, Ann. Mag. Nat. Hist. (7) 20: 188, Sep. 1907. Mountains south of Lake Nyasa, Mozambique.

Galago nyassæ Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: 70, 1912 =15 June 1913 (lapsus cal.).

Galago tumbolensis Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 55: 68, 1931. Tumbolé River, branch of the Kutato, about 40 km. east of Vila da Ponte, Angola. Probably a synonym of *moholi*.

Range: Savanna country of South Africa, from Tanganyika Territory (Tabora) on the east to Angola in the west.

Galago senegalensis sotikæ Hollister

Galago sotikæ Hollister, Smithsonian Misc. Coll., 72: no. 2, p. 1, 22 Jan. 1920; Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 16, pl. 2 (skull), 1924. Telek River, Sotik, Kenya Colony.

Galago senegalensis zanzibaricus Matschie

Galago zanzibaricus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, 1893. Yambiani, western Zanzibar (not Muyuni as given in original description, see Schwarz, E., Ann. Mag. Nat. Hist. (10) 7: 55, Jan. 1931).

Galago moholi cocos Heller, Smithsonian Misc. Coll., 60: no. 12, p. 1, 4 Nov. 1912. Mazeras, Kenya Colony.

Range: Zanzibar Island and adjacent mainland coast from northeast of Mombasa (Mazeras) to at least Dar-es-Salaam (Tanganyika Territory).

Euoticus Gray

Euoticus Gray, Proc. Zool. Soc. London, p. 140, text-f., Oct. 1863. As a subgenus of *Otogale* Gray (=*Galago* E. Geoffroy); type *Otogale pallida* Gray.

Euoticus elegantulus elegantulus (Leconte)

Microcebus elegantulus Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 10, 1857. "Western Africa" (Du Chaillu Collection); type locality fixed as Njola, Ogowe River, Gaboon (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 7: 65, Jan. 1931).

Otolicnus apicalis Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 361, Nov. 1860. Gaboon, "mountains of the interior near the equator," i.e., north of Njola, Ogowe River.

Galago elegantulus tonsor Dollman, Ann. Mag. Nat. Hist. (8) 5: 94, Jan. 1910. Spanish Guinea, 15 miles from mouth of Benito River.

Range: Forest region between the Sanaga, Ubangi and Congo Rivers on the east to the Cameroons, Muni, and Gaboon.

Euoticus elegantulus pallidus (Gray)

Otogale pallida Gray, Proc. Zool. Soc. London, p. 140, pl. 19, text-f., Oct. 1863. Island of Fernando Po.

Galago talboti Dollman, Ann. Mag. Nat. Hist. (8) 5: 93, Jan. 1910. Nkami, southern Nigeria.

Range: Island of Fernando Po and adjacent mainland of Nigeria and Cameroons from the lower Niger probably east to the Sanaga River.

Family LEMURIDÆ. Typical Lemurs

Review and key to genera: Schwarz, E. A revision of the genera and species of Madagascan Lemuridæ. Proc. Zool. Soc. London, p. 399–428, 29 June 1931.

Subfamily CHEIROGALEINÆ. Mouse Lemurs

Cheirogaleus E. Geoffroy

Cheirogaleus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, 1812. Genotype *Cheirogaleus major* E. Geoffroy (fixed by Elliot, D. G., Publ. Field Columbian Mus., Zool., 8: 548, 1907).

Chirogaleus Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. xi, 1168, 1816; emendation. Genotype *Cheirogaleus major* E. Geoffroy.

Cebugale Lesson, Spec. Mamm., pp. 207, 219, 1840. Genotype, by monotypy, *Cebugale commersonii* Lesson = *Cheirogaleus major* E. Geoffroy.

Mioxicebus Lesson, Spec. Mamm., pp. 207, 219, 1840. Genotype, by subsequent designation, *Mioxicebus griseus* Lesson = *Cheirogaleus major* E. Geoffroy.

Chirogale Gloger, Gemein. Hand- u. Hilfsbuch d. Naturgesch., 1: 44, 1841; emendation.

Myspithecus F. Cuvier, Hist. Nat. d. Mammifères, Tabl. Gén. Méthod., p. 2, 1842; not of Blainville, 1839. Genotype by monotypy Le maki nain = *Cheirogaleus major* E. Geoffroy.

Myoxicebus L. Agassiz, Nomenclator Zool., Index Univ., p. 243, 1845; emendation of *Mioxicebus*.

Myoxocebus L. Agassiz, Nomenclator Zool., Index Univ., p. 235, 1846; emendation of *Mioxicebus* Lesson.

Opolemur Gray, Proc. Zool. Soc. London, for 1872, p. 853, Apl. 1873. Genotype by monotypy *Opolemur milii* Gray (not E. Geoffroy) = *Cheirogaleus medius samati* (A. Grandidier).

Altilemur Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xlvii, 111, 1912 (=15 June 1913). Genotype *Altilemur medius* (E. Geoffroy) = *Chirogaleus medius* E. Geoffroy.

Altilemur Weber, Die Säugetiere, ed. 2, 2: 736, 1928; lapsus for *Altilemur*.

Cheirogaleus medius medius E. Geoffroy

Cheirogaleus medius E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, pl. 10, f. 2, 1812. Ft. Dauphin, southeastern Madagascar (see Schwarz, E., Proc. Zool. Soc. London, p. 405, 29 June 1931).

Opolemur thomasi Forsyth Major, Novitates Zool., 1: 20, pl. 1, f. 1; pl. 2, f. 2, 11, 30 Jan. 1894. Ft. Dauphin, southeastern Madagascar.

Cheirogaleus medius samati A. Grandidier

Chirogalus samati A. Grandidier, Revue et Mag. de Zool., (2) 20: 49, Feb. 1868. Tsidsibon River, western Madagascar.

Cheirogaleus medius samati Schwarz, Proc. Zool. Soc. London, p. 405, 29 June 1931.

Cheirogaleus major major E. Geoffroy

Chirogaleus major E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, pl. 10, f. 1, 1812. Ft. Dauphin, southeastern Madagascar.

Lemur commersonii Wolf, Abbild. u. Beschreib. merkwurd. naturgesch. Gegenstande, ed. 1, 2: 9, pl. 4, 1822. Based on Commerson's drawing made at Ft. Dauphin, southeastern Madagascar.

Cheirogaleus milii E. Geoffroy, Cours de l'Hist. Nat. des Mammifères, leçon 11, p. 24, 1828. Madagascar.

Myspithecus typus F. Cuvier, Hist. Nat. des Mammifères, ed. 2, p. 228, pl. 83, 1833.

Cheirogaleus typicus A. Smith, South African Quart. Journ., 2: 50, 1833. Madagascar.

Mioxicebus griseus Lesson, Spec. Mamm., p. 207, 219, 1840. Madagascar.

Chirogalus adipicaudatus A. Grandidier, Ann. des Sci. Nat., Zool., (5) 10: 378, 1868. Tullear, Madagascar.

Range: Western and southeast coasts of Madagascar.

Cheirogaleus major crossleyi A. Grandidier

Chirogalus crossleyi A. Grandidier, Revue et Mag. de Zool., (2) 22: 49, Feb. 1870. Forests east of Antsianak, Madagascar.

Chirogale melanotis Forsyth Major, Novitates Zool., 1: 25, pl. 2, f. 10, 30 Jan. 1894. Vohemar or Vohima, northeast coast of Madagascar.

Chirogale sibreei Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 325, Oct. 1896. Ankeramadinika, east of Antananarivo, Madagascar.

Cheirogaleus trichotis Günther

Chirogaleus trichotis Günther, Proc. Zool. Soc. London, p. 78, text-f. 1, 2, June 1875. Between Tamatave and Morondava, Madagascar.

Microcebus E. Geoffroy

Microcebus E. Geoffroy, Cours de l'Hist. Nat. des Mammifères, leçon 11, p. 24, 1828. Genotype by original designation Le Microcèbe roux = *Microcebus rufus* (Wagner).

According to Palmer (No. Amer. Fauna, no. 23, p. 420, 23 Jan. 1904) the work above mentioned was published in 1834, and the genotype is *Lemur pusillus* E. Geoffroy.

Scartes Swainson, Nat. Hist. and Classif. Quadrupeds, p. 352, 1835. Genotype, by monotypy, *Scartes murinus* Swainson = *Microcebus murinus* J. F. Miller.

Myscebus Lesson, Spec. Mamm., pp. 207, 214, 1840. Type by monotypy, *Myscebus palmarum* Lesson = *Microcebus murinus* J. F. Miller.

Gliscebus Lesson, Spec. Mamm., pp. 207, 216, 1840. Genotype *Gliscebus murinus* Lesson = *Microcebus murinus* J. F. Miller (as fixed by Schwarz, E., Proc. Zool. Soc. London, p. 401, 29 June 1931).

Myocebus Wagner, Arch. f. Naturgesch., 7: sect. 2, p. 19, 1841. Error for *Myscebus*.

Mirza Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 131, 1870. Genotype by monotypy *Cheirogaleus coquereli* A. Grandidier.

Azema Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Cheirogaleus smithii* Gray = *Microcebus murinus rufus* Wagner.

Murilemur Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Microcebus murinus* J. F. Miller.

MICROCEBUS MURINUS MURINUS (J. F. Miller). Gray Mouse Lemur

Lemur murinus J. F. Miller, Various Subjects of Nat. Hist., pl. 13, 1777; Cimelia Physica, pl. 13 and text p. 25, 1796. Madagascar but "obviously the greyish southern and western" race.

Prosimia minima Boddært, Elenchus Animalium, p. 66, 1785. Based on Brown's "Little Maucauco," in New Illustr. Zool., p. 107, pl. 44, 1776 (see Schwarz, E., Proc. Zool. Soc. London, p. 402, 29 June 1931). Madagascar.

Lemur prehensilis Kerr, Linnæus's Animal Kingdom, p. 88, 1792. Based on same sources as *Prosimia minima* Boddært.

Lemur pusillus E. Geoffroy, Bull. Soc. Philomathique, Paris, 1: 90, 1795. Audebert's pl. 8 (Hist. Nat. d. Singes et Makis, 1800) "may be regarded as representing the type" (Schwarz, E., Proc. Zool. Soc. London, p. 402, 29 June 1931).

Galago madagascariensis E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 166, 1812. Madagascar.

Cheirogaleus minor E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 172, pl. 10, f. 3, 1812. Probably Fort Dauphin, southeastern Madagascar.

Myocebus palmarum Lesson, Spec. Mamm., p. 214, 1840.

Microcebus myoxinus Peters, Reise nach Mossambique, Zool., 1: Säugeth., p. 14, pls. 3, 4, f. 6–9, 1852. Bombatoka, St. Augustine's Bay, southwestern Madagascar.

Chirogalus gliroides A. Grandidier, Ann. des Sci. Nat., Zool., (5) 10: 378, 1868. Tulear, Madagascar.

M[icrocebus] minor griseorufus Kollman, Bull. Mus. d'Hist. Nat. Paris, 16: 304, 24 Nov. 1910. Southeast, south and southwest coasts of Madagascar.

Range: Southeastern, eastern and western Madagascar as far north as the Betsiboka River.

MICROCEBUS MURINUS RUFUS Wagner

Microcebus rufus Wagner, Schreber's Säugthiere, Suppl., 1: 291, footnote, 1840; based on the *Galago madagascariensis* of Geoffroy (Ann. Mus. d'Hist. Nat., Paris, 19: 166, 1812) and of Desmarest (Encyclop. Méthodique, Mammalogie, 1: 103, 1820). Probably eastern Madagascar.

Chirogaleus smithii Gray, Ann. Mag. Nat. Hist. (1) 10: 257, Dec. 1842. Madagascar; for F. A. Smith.

Range: Eastern, east-central and northern Madagascar as far south as Ft. Dauphin in the east, and Bay of Bombétoka in the northwest.

MICROCEBUS COQUERELI (A. Grandidier)

Cheirogalus coquereli A. Grandidier, Revue et Mag. de Zool., (2) 19: 85, Mar. 1867. Morondova, southwestern Madagascar.

Phaner Gray

Phaner Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 132, 1870. Genotype by monotypy *Lemur furcifer* Blainville.
Microcebus, Cheirogaleus, Lepilemur, of older authors, in part.

Phaner furcifer (Blainville)
Lemur furcifer Blainville, Ostéographie, Mammifères, Primates, Lemur, p. 35, pl. 7, f. 2, 1839. "Probably the region of the Bay of Antongil, N. E. Madagascar" (Schwarz, E., Proc. Zool. Soc. London, p. 407, 29 June 1931).
Range: Northern and northwestern Madagascar.

Subfamily LEMURINÆ

Hapalemur I. Geoffroy

Hapalemur I. Geoffroy, L' Institut, Paris, 19: 341, 22 Oct. 1851. Genotype by monotypy *Lemur griseus* E. Geoffroy.
Hapalolemur Giebel, Die Säugethiere, p. 1018, 1855; emendation of *Hapalemur* I. Geoffroy.
Prolemur Gray, Proc. Zool. Soc. London, for 1870, p. 828, pl. 52, text-f. 1–4, Apl. 1871. Type by monotypy *Hapalemur simus* Gray.

Hapalemur simus Gray
Hapalemur simus Gray, Proc. Zool. Soc. London, for 1870, p. 828, pl. 52, text-f. 1–4, Apl. 1871. Madagascar, without definite locality.
Range: Forested region of eastern Madagascar.

Hapalemur griseus griseus (Link)
L[emur] griseus Link, Beytrage z. Naturgesch., 1: pt. 2, p. 65, 1795. Based on Le petit maki gris of Buffon, Hist. Nat., Suppl., 7: 121, pl. 34, 1789. Madagascar.
Lemur cinereus Desmarest, Encyclop. Méthodique, Mammalogie, 1: 101, 1820, in error for *griseus*. Madagascar.
Hapalemur schlegeli Pocock, Ann. Mag. Nat. Hist. (8) 19: 348, Mar. 1917. Madagascar, without definite locality, but "probably . . . the northwest coast."
Range: Southern and western coasts and dry central plateau of Madagascar.

Hapalemur griseus olivaceus I. Geoffroy
Hapalemur olivaceus I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, Primates, p. 75, 1851. Madagascar, without exact locality.
Range: Moist wooded parts of eastern Madagascar probably as far south as Ft. Dauphin (Schwarz, E., Proc. Zool. Soc. London, p. 408, 29 June 1931).

Lemur Linnæus

Lemur Linnæus, Syst. Nat., ed. 10, 1: 29, 1758. Genotype *Lemur catta* Linnæus (see Thomas, O., Proc. Zool. Soc. London, p. 129, Mar. 1911).

Prosimia Brisson, Regnum Anim. in Classes IX distrib., ed. 2, p. 13, 156, 1762. Genotype by subsequent designation, *Lemur catta* Linnæus (see Elliot, D. G., Review of the Primates, 1: xxviii, 1912 =15 June 1913).

Procebus Storr, Prodrom. Method. Mamm., p. 32, tabl. spec. A, 1780. Genotype *Lemur catta* Linnæus.

Catta Link, Beschreib. Naturalien-Sammlung Univ. Rostock, 1: 7, 1806. Genotype by tautonymy, *Lemur catta* Linnæus.

Maki Muirhead, Brewster's Edinburgh Encyclop., 13: 405, 1819. Genotype *Maki mococo* Muirhead =*Lemur catta* Linnæus (see Schwarz, E., Proc. Zool. Soc. London, p. 409, 29 June 1931).

Varecia Gray, Proc. Zool. Soc. London, p. 135, text-f., Oct. 1863. Type by subsequent designation *Lemur variegatus* Kerr (see Elliot, D. G., Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxx, 1912 =15 June 1913).

Mococo Trouessart, Revue et Mag. de Zool., (3) 6: 163, 1878; quoted from Lesson. Genotype by monotypy *Prosimia catta* =*Lemur catta* Linnæus.

Eulemur Haeckel, Syst. Phylogenie d. Wirbelthiere, 3: 600, 1895. Nomen nudum; no species mentioned.

Review and key to species: Schwarz, E., Proc. Zool. Soc. London, p. 409–419, 29 June 1931.

Lemur catta Linnæus. Ring-tailed Lemur

Lemur catta Linnæus, Syst. Nat., ed. 10, 1: 30, 1758. Madagascar.

Maki mococo Muirhead, Brewster's Edinburgh Encycloped., 13: 405, 1819. No locality.

Range: Rocky open country from region of Ft. Dauphin in southeastern Madagascar to southern and southwestern parts near Bay of St. Augustin.

Lemur macaco macaco Linnæus. Black Lemur

Lemur macaco Linnæus, Syst. Nat., ed. 12, 1: 44, 1766. Madagascar, without exact locality.

Lemur macaco niger Schreber, Säugthiere, 1: (142), pl. 40 A, 1775. Madagascar.

Lemur leucomystax Bartlett, Proc. Zool. Soc. London, for 1862, p. 347, pl. 41, Apl. 1863. Madagascar, without definite locality.

Range: Forests of northwestern coasts of Madagascar and the coastal islands, north of Bay of Bombétoka.

Lemur macaco albifrons E. Geoffroy

Lemur albifrons E. Geoffroy, Mag. Encyclopédique, 1: 20, 1796. Madagascar, without exact locality.

Prosimia frederici Lesson, Spec. Mamm., p. 230, 1840. Madagascar, without exact locality.

LEMUR MACACO COLLARIS E. Geoffroy

Lemur collaris E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 161, 1812. Madagascar, without exact locality.

Prosimia melanocephala Gray, Proc. Zool. Soc. London, p. 137, pl. 18, Oct. 1863. Madagascar.

Prosimia xanthomystax Gray, Proc. Zool. Soc. London, p. 138, pl. 17, Oct. 1863. Madagascar, without exact locality.

Lemur mongoz var. *cinereiceps* A. Grandidier and Milne-Edwards, Hist. Nat. Madagascar, Mamm., 5: atlas, 2: pl. 140; pl. 147, f. 2, 1890. Madagascar.

Range: Coastal forests of southeastern Madagascar from Ft. Dauphin in the south, to "at least Masindrano in the north."

LEMUR MACACO FLAVIFRONS (Gray)

Prosimia flavifrons Gray, Proc. Zool. Soc. London, p. 596, pl. 31, Oct. 1867. Madagascar, without exact locality. Probably a synonym of *Lemur macaco collaris*.

Lemur nigerrimus P. L. Sclater, Proc. Zool. Soc. London, p. 451, text-f. 2, Oct. 1880. Madagascar, without exact locality. This is stated by Schwarz (Mammalia, 1: 1, 1 Sep. 1936) to be the female of *L. m. flavifrons*.

Range: Maromandia, northwestern Madagascar.

LEMUR MACACO FULVUS E. Geoffroy

Lemur fulvus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 161, 1812. Madagascar, without exact locality. As to subspecific status, see Schwarz, E. (Mammalia, 1: 1, 1 Sep. 1936).

Prosimia macromongoz Lesson, Spec. Mamm., p. 226, 1840. No exact locality.

Lemur bruneus van der Hœven, Tijdschr. f. Natur. Geschied. Physiol., 11: 35, 1844. New name for *Lemur fulvus* E. Geoffroy.

LEMUR MACACO MAYOTTENSIS Schlegel

Lemur mayottensis Schlegel, Nederland. Tijdschr. Dierkunde, no. 3: 76, 1866. Island of Mayotte, Mascarene group. "There is little doubt about its being entitled to subspecific rank" (Schwarz, E., Proc. Zool. Soc. London, p. 414, 29 June 1931).

LEMUR MACACO RUFUS Audebert

Lemur rufus Audebert, Hist. Nat. des Singes et Makis, Makis, p. 12, pl. 2, 1799. Madagascar, without definite locality.

Lemur rufifrons Bennett, Proc. Zool. Soc. London, p. 106, 18 Nov. 1833. Madagascar, without definite locality.

Range: Central plateau of Madagascar and west coast.

LEMUR MACACO SANFORDI Archbold

Lemur fulvus sanfordi Archbold, Amer. Mus. Novitates, no. 518, p. 1, 26 Mar. 1932. Mt. D'Ambre, Madagascar.

LEMUR MONGOZ MONGOZ Linnæus

Lemur mongoz Linnæus, Syst. Nat., ed. 12, 1: 44, 1766. Madagascar, based on Edwards's colored plate, Gleanings of Nat. Hist., 1: 12, pl. 216, 1758 — in A Nat. Hist. of Birds.

Lemur nigrifrons E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 160, 1812. Based on Petivier, Gazophylacii Naturæ et Artis, dec. 1, p. 4, pl. 17, f. 5, 1767. Madagascar.

Lemur albimanus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 160, 1812. [Anjouan Id., Mascarene group.]

[*Lemur*] *dubius* F. Cuvier, Hist. Nat. des Mamm., 1834. Anjouan Id., Mascarene group.

Prosimia micromongoz Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 226, 1840. Based on E. Geoffroy's description of *Lemur mongoz*.

Prosimia bugi Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 227, 1840. Based on Petivier, Gazophylacii Naturæ et Artis, dec. 1, p. 4, pl. 17, f. 5, 1767.

Prosimia brissonii Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 230, 1840. Based on Brisson's *Prosimia pedibus albis* (Règne Animale, ed. 2, p. 156, 1762).

Prosimia ocularis Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 231, 1840. Madagascar, no locality.

Lemur cuvieri Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 62: sect. 1, p. 646, 1870. Anjouan or Johanna Id., Comoro Ids., Mascarene group.

Propithecus brissonianus Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 75, 1870. Emendation of *Prosimia brissonii* Lesson.

Range: Anjouan and Moheli Islands and on the mainland of Madagascar along the south bank of Betsiboka River.

LEMUR MONGOZ CORONATUS Gray

Lemur coronatus Gray, Ann. Mag. Nat. Hist. (1) 10: 257, Dec. 1842. [Bay of Mahajamba, northwest coast of] Madagascar, 15° 14′ S.

Lemur chrysampyx Schuermans, Mém. Couronnés et des Savants Étrang. Acad. Roy. des Sci., Lettres et Beaux-Arts Belgique, Bruxelles, 4to, 22: 7th Mém. des Savants Étrang., p. 6, 1 pl., 1848. "Probablement Madagascar."

Range: Northern Madagascar from Bombétoka Bay on the east to Bay of Antongil on the west.

LEMUR RUBRIVENTER I. Geoffroy

Lemur rubriventer I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 31: 876, 1850. Madagascar, without exact locality.

Lemur flaviventer I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 31: 876, 1850. Madagascar ("probably Tamatave," fide Schwarz).

Lemur rufiventer Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 74, 1870. Lapsus calami for *Lemur rubriventer* I. Geoffroy.

Prosimia rufipes Gray, Ann. Mag. Nat. Hist. (4) 7: 339, May 1871. Betsimisaraka country, "probably west of Tamatave" (Schwarz), Madagascar.

Range: Apparently "the greater part of Madagascar" (Schwarz, E., Proc. Zool. Soc. London, p. 417, 29 June 1931).

LEMUR VARIEGATUS Kerr. Ruffed Lemur

Lemur macaco variegatus Kerr, Linnæus's Animal Kingdom, p. 86, 1792. Madagascar, without definite locality.

Lemur ruber E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 159, 1812. Madagascar (based on Commerson's figure).

M[aki] vari Muirhead, Edinburgh Encyclopedia, 13: 405, 1819. Based on Le Maki vari of Desmarest (Nouv. Dictionnaire d'Hist. Nat., ed. 2, 18: 437, 1817).

Prosimia erythromela Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. 236, 1840.

Lemur varius I. Geoffroy, Cat. Méthodique d. Mamm. Mus. d'Hist. Nat. Paris, Primates, p. 7, 1851.

Range: Forests of northeastern Madagascar south to the region of Tamatave, about 18° S.

As to the possibility that there are three local forms or races, see Schwarz, E., Proc. Zool. Soc. London, p. 418, 29 June 1931.

LEPILEMUR I. Geoffroy

Lepilemur I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, Primates, pt. 1, p. 75, 1851. Genotype *Lepilemur mustelinus* I. Geoffroy.

Galeocebus Wagner, Schreber's Säugthiere, Suppl., 5: 147, 1855. Genotype *Lepilemur mustelinus* I. Geoffroy.

Lepidilemur Giebel, Säugethiere, p. 1018, 1859; emendation of *Lepilemur*.

Mixocebus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, 1874. Genotype *Mixocebus caniceps* Peters = *Lepilemur mustelinus* I. Geoffroy.

Lepidolemur Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, footnote, 1874; emendation of *Lepilemur*.

LEPILEMUR MUSTELINUS I. Geoffroy

Lepilemur mustelinus I. Geoffroy, Cat. Méthodique Mamm. Mus. d'Hist. Nat. Paris, p. 71, 1851. Madagascar, without exact locality, but fixed as "at or near Tamatave" (see Schwarz, E., Proc. Zool. Soc. London, p. 420, 29 June 1931).

Mixocebus caniceps Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 690, pl. 1 (col.), 2, 1874. Madagascar, probably on east coast between Tamatave and Masindrano.

Lepidolemur microdon Forsyth Major, in Forbes' Handbook to the Primates, 1: 88, 1896. Eastern Betsileo Province, Madagascar.

Range: Eastern and northeastern Madagascar from Vohémar south to Betsileo.

Lepilemur ruficaudatus A. Grandidier

Lepilemur ruficaudatus A. Grandidier, Revue et Mag. de Zool., (2) 19: 256, July 1867. [Morondava], Madagascar.

Lepilemur dorsalis Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 135, 1870. [Northwestern] Madagascar.

Lepilemur pallidicauda Gray, Proc. Zool. Soc. London, for 1872, p. 850, Apl. 1873. [Morondava, west coast of] Madagascar.

Lepidolemur leucopus Forsyth Major, Ann. Mag. Nat. Hist. (6) 13: 211, Feb. 1894. Fort Dauphin, southeastern Madagascar.

Lepidolemur edwardsi Forsyth Major, in Forbes's Handbook to the Primates, 1: 87, 1896. Betsako, Bay of Bombétoka, northwest coast of Madagascar.

Lepidolemur globiceps Forsyth Major, in Forbes's Handbook to the Primates, 1: 89, 1896. Ambolisatra, 25 km. north of Tuléar, southwest coast of Madagascar.

Lepidolemur grandidieri Forsyth Major, in Forbes's Handbook to the Primates, 1: 89, 1896. Northwestern Madagascar.

L[epidolemur] mustelinus rufescens Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 446, pl. 30; 31, f. 4, a, b, 1898. Ambundubé, north side of Bay of Bombétoka, northwestern Madagascar.

Range: Entire west coast of Madagascar, but not the central plateau.

Family INDRIIDÆ

Avahi Jourdan. Woolly Lemur

Avahi Jourdan, L'Institut, Paris, 2: 231, 19 July 1834. Genotype *Lemur laniger* Gmelin, though not here given.

Microrhynchus Jourdan, Thèse Fac. Sci. Grenoble, 1834; not of Megerle, 1823, for Coleoptera.

Avahis I. Geoffroy in Gervais, Résumé Leçons Mamm., p. 23, 1835; emendation of *Avahi* Jourdan.

Habrocebus Wagner, Schreber's Säugthiere, Suppl., 1: v, 1839. Genotype by subsequent designation *Lemur lanatus* Schreber = *Lemur laniger* Gmelin.

Semnocebus Lesson, Species Mamm. Bimanes et Quadrumanes, p. 209, 1840. Genotype *Semnocebus avahi* Lesson = *Lemur laniger* Gmelin.

Iropocus Gloger, Gemein. Hand.- u. Hilfsbuch Naturgesch., 1: xxviii, 43, 1841. Genotype *Lemur laniger* Gmelin.

AVAHI LANIGER LANIGER (Gmelin). Woolly Lemur

Lemur laniger Gmelin, Linné's Syst. Nat., ed. 13, 1: 44, 1788. Madagascar.

Lemur brunneus Link, Beyträge z. Naturgesch., pt. 2, p. 165, 1795. Based on Sonnerat.

Indris longicaudatus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 158, 1812. Madagascar; based on Sonnerat.

H[abrocebus] lanatus Wagner, Schreber's Säugth., Suppl., 1: 258, pl. 42A, 1840. Madagascar; based on Sonnerat.

Semnocebus avahi Lesson, Species Mamm. Bimanes et Quadrumanes, p. 210, 1840; based on Sonnerat.

A[vahis] laniger orientalis Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 452, 1898. East coast of Madagascar.

The eastern or typical race of A. Grandidier and Milne-Edwards, Hist. Nat. de Madagascar, Zool., Mamm., 1: 327, 1875.

Range: Forest region of northeastern, eastern and south-central Madagascar.

AVAHI LANIGER OCCIDENTALIS (Lorenz)

Avahis laniger occidentalis Lorenz, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 21: 452, 1898. Based on the *Avahis laniger* variété septentrionale of A. Grandidier and Milne-Edwards. Northwestern Madagascar, Ambundubé.

Range: Northwest coast of Madagascar south to the Bay of Bombétoka.

INDRI E. Geoffroy and G. Cuvier. The Indri

Indri E. Geoffroy and G. Cuvier, Mag. Encyclop., 1: 46, 1796, fide Palmer. Genotype by tautonymy *Lemur indri* Gmelin.

Lichanotus Illiger, Prodromus Syst. Mamm. et Avium, p. 72, 1811. Genotype *Lemur indri* Gmelin.

Indris G. Cuvier, Leçons d'Anat. Comp., 1: Tabl. Gén., 1805; emendation of *Indri*.

Indrium Rafinesque, Analyse de la Nature, p. 54, 1815. New name for *Indri* E. Geoffroy and G. Cuvier.

Lichanotes Temminck, Monographies de Mammalogie, 1: xvi, 1827. Genotype *Lemur indri* Gmelin; lapsus for *Lichanotus*.

Pithelemur Lesson, Species Mamm. Bimanes et Quadrumanes, pp. 207, 208, 1840. Genotype *Lemur indri* Gmelin.

INDRI INDRI (Gmelin). Indri

Lemur indri Gmelin, Linné's Syst. Nat., ed. 13, 1: 42, 1788. Madagascar, without exact locality.

Indri brevicaudatus E. Geoffroy and G. Cuvier, Mag. Encyclop., p. 46, 1796. Based on Sonnerat's specimen (Voy. Ind. Or. Chine, 2: 142, pl. 88, 1782).

Indris ater I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 8: 534, 1825. Lapsus cal. for *niger* Lacépède.

Indris variegatus Gray, Ann. Mag. Nat. Hist. (4) 10: 474, Dec. 1872. Probably Lalo River, east of Bay of Antongil, Madagascar (Schwarz).

Range: Northeastern Madagascar to Lake Alaotra on the central plateau.

Propithecus Bennett. The Sifakas

Propithecus Bennett, Proc., Comm. Sci. and Correspondence Zool. Soc. London, p. 20, 29 Mar. 1832. Genotype by monotypy *Propithecus diadema* Bennett.

Macromerus A. Smith, South African Quart. Journ., 2: pt. 2, p. 49, 1833. Genotype by monotypy *Macromerus typicus* A. Smith =*Propithecus diadema* Bennett.

Propithecus diadema diadema Bennett

Propithecus diadema Bennett, Proc., Comm. Sci. and Correspondence Zool. Soc. London, p. 20, 1832. Madagascar, without exact locality.

Macromerus typicus A. Smith, South African Quart. Journ., 2: pt. 2, p. 49, 1833.

Indris albus Vinson, Comptes Rend. Acad. Sci. Paris, 55: 829, 1862. Alanamasoatrao, between Andevoranto and Tananarive, eastern Madagascar.

Range: Mountain forests of the coast range of eastern Madagascar from Bay of Antongil south to Masora River.

Propithecus diadema candidus A. Grandidier

Propithecus candidus A. Grandidier, Comptes Rend. Acad. Sci. Paris, 72: 231, 1871. Forests north of Bay of Antongil, (but according to Schwarz) Sahambavany, northeast coast of Madagascar.

Propithecus sericeus Milne-Edwards and A. Grandidier, Revue et Mag. de Zool. (2) 23: 274, Aug. 1872. Sambava, northeast coast of Madagascar. Renaming of *P. diadema candidus* A. Grandidier.

Range: Northeastern coast ranges of Madagascar, from Bemarivo (14° 16′ 30″ S.) southward to Bay of Antongil.

Propithecus diadema edwardsi A. Grandidier

Propithecus edwardsi A. Grandidier, Comptes Rend. Acad. Sci. Paris, 72: 232, 1871. Forests west of Mananzary, southeastern Madagascar.

Propithecus bicolor Gray, Ann. Mag. Nat. Hist. (4) 10: 206, Sep. 1872. Probably Masindrano, southeastern Madagascar (see Schwarz, E., Proc. Zool. Soc. London, p. 422, 29 June 1931).

Range: Coast range of southeast Madagascar, between the Masora and Matitana Rivers.

PROPITHECUS DIADEMA HOLOMELAS Günther

Propithecus holomelas Günther, Ann. Mag. Nat. Hist. (4) 16: 125, Aug. 1875. Fieneretora, probably Fianarantsoa, central Betsileo, Madagascar.

Range: The inland mountain range in southeastern Madagascar.

PROPITHECUS VERREAUXI VERRAEUXI A. Grandidier

Propithecus verreauxi A. Grandidier, Revue et Mag. de Zool., (2) 19: 84, Mar. 1867. Tsifanihy, Antandroy Province, southern Madagascar (Schwarz).

Range: Southwestern Madagascar from Tsidsobon River southeast to the Ft. Dauphin region.

PROPITHECUS VERREAUXI COQUERELI (A. Grandidier)

Cheirogalus coquereli A. Grandidier, Revue et Mag. de Zool., (2) 19: 85, Mar. 1867. Morondova, west coast of Madagascar.

Propithecus damoni Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., app., p. 137, 1870 (quoting Pollen). Madagascar.

Propithecus perrieri Lavauden, Comptes Rend. Acad. Sci. Paris, 193: 77, 1931. Forest of Analamera, southeast of Diego Suarez, northern Madagascar. Probably a melanistic individual of *P. v. coquereli*.

Range: Northwestern Madagascar from Antamba River south to River Betsiboka.

PROPITHECUS VERREAUXI CORONATUS Milne-Edwards

P[ropithecus] coronatus Milne-Edwards, Revue Scientifique, (2) 1=8: 224, 2 Sep. 1871. No locality; supposed to be Bœny Province, Bombétoka Bay, Madagascar.

Propithecus damanus Schlegel, ex Pollen, Mus. d'Hist. Nat. des Pays-Bas, 7: 293, 1876. South shore of Bay of Bombétoka, Madagascar.

Range: Between the Betsiboka and Mahavavy Rivers, northwestern Madagascar.

PROPITHECUS VERREAUXI DECKENII Peters

Propithecus deckenii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 421, 1870. Kanatsy, northwestern Madagascar.

Range: Northwestern Madagascar, between the Rivers Mahahavy and Mananbolo.

PROPITHECUS VERREAUXI MAJORI W. Rothschild

Propithecus majori W. Rothschild, Novitates Zool., 1: 666, pl. 14, 20 Sep. 1894. Antinosy country, south-central Madagascar.

Range: Known only from south-central Madagascar.

Family DAUBENTONIIDÆ

Daubentonia E. Geoffroy. Aye-aye

Daubentonia E. Geoffroy, Décad. Philos. et Litt., p. 195, 1795. Genotype *Sciurus madagascariensis* Gmelin.

Scolecophagus E. Geoffroy, Décad. Philos. et Litt., p. 196, 1795; alternative name for *Daubentonia* E. Geoffroy. Not *Scolecophagus* Swainson, 1831 (Aves).

Aye-aye Lacépède, Tabl. Mamm., p. 6, 1799. Genotype *Sciurus madagascariensis* Gmelin.

Cheyromys E. Geoffroy, Cat. Mamm. Mus. d'Hist. Nat. Paris, p. 181, 1803; misprint for *Cheiromys* G. Cuvier.

Chiromys Illiger, Prodromus Syst. Mamm. et Avium, p. 75, 1811; emendation of *Cheiromys* G. Cuvier. Genotype *Sciurus madagascariensis* Gmelin.

Psilodactylus Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, p. xi, 1164, 1816. Genotype *Lemur psilodactylus* Shaw = *Sciurus madagascariensis* Gmelin.

Cheiromys G. Cuvier, Règne Animal, ed. 1, 1: 207, 1817. Genotype *Sciurus madagascariensis* Gmelin.

Myspithecus Blainville, Ostéograph. des Vertébrés Recents et Foss., Mamm., 1: pt. 3, l'Aye-aye, p. 34, 1839. Genotype *Sciurus madagascariensis* Gmelin; alternative name for *Cheiromys* G. Cuvier.

Myslemur Blainville, Dictionnaire Univ. d'Hist. Nat., 8: 559, 1846. New name for *Myspithecus* Blainville, not G. Cuvier.

Daubentonia madagascariensis (Gmelin). The Aye-aye

Sciurus madagascariensis Gmelin, Linné's Syst. Nat., ed. 13, 1: 152, 1788. Western Madagascar, based on the Aye-aye of Sonnerat's Voyage.

Lemur psilodactylus Shaw, Gen. Zool., Mamm., 1: 109, 1800. Madagascar.

Cheiromys madagascariensis var. *laniger* G. Grandidier, Bull. Acad. Malgache, 1: 106, pl., 1930. Madagascar. Probably based on a specimen of *D. madagascariensis* (Gmelin) in molting pelage.

Chiromys robustus Lamberton, Mém. Acad. Malgache, 17: 40, pl. 10a, 1934. Tairave, 15 km. from Bororoha, south-central Madagascar. Subfossil(?); and probably same as *Daubentonia madagascariensis*.

Range: Entire forested part of eastern and northwestern Madagascar.

Suborder ANTHROPOIDEA. Monkeys, Apes

Family CERCOPITHECIDÆ

Allenopithecus Lang

Allenopithecus Lang, Amer. Mus. Novitates, no. 87, p. 1, 12 Sep. 1923. Genotype *Cercopithecus nigroviridis* Pocock.

Allenopithecus nigroviridis (Pocock)

Cercopithecus nigroviridis Pocock, Proc. Zool. Soc. London, p. 739, pl. 42, f. 5, 8 Oct. 1907. "Upper Congo."

Lasiopyga nigriviridis Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 348, 1912 (=15 June 1913).

Allenopithecus nigroviridis Lang, Amer. Mus. Novitates, no. 87, p. 4, text-f. 1–3 (skull and teeth), 12 Sep. 1923.

Cercocebus E. Geoffroy. Mangabeys

Cercocebus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 97, 1812. Genotype *Cercocebus fuliginosus* E. Geoffroy =*Simia atys* Audebert.

Aethiops Martin, Gen. Introduct. Nat. Hist. Mammiferous Anim., p. 506, 1841. Genotype not specified; based on "the three White-eyelid Monkeys" of Africa, hence =*Cercocebus*.

Semnocebus Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 27, 1870; not of Lesson, 1840, for a genus of Lemurs. Genotype *Presbytis albigena* Gray.

Lophocebus Palmer, Science, n.s., 17: 873, 29 May 1903. To replace *Semnocebus* Gray, not Lesson; type *Presbytis albigena* Gray.

Cercolophocebus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, July 1914. Subgenus of *Cercocebus;* type *Cercocebus aterrimus* Oudemans.

Leptocebus Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 15, 1904. As a subgenus of *Cercocebus* to include *C. galeritus, agilis, congicus* and *albigena;* no type specified.

Simia, Pithecus, Cercopithecus, Presbytis, in part, of older authors.

Review: Schwarz, E. The species of the genus *Cercocebus*. Ann. Mag. Nat. Hist. (10) 1: 644–670, June 1928.

Cercocebus albigena albigena (Gray)

Presbytis albigena Gray, Proc. Zool. Soc. London, p. 77, Mamm., pl. 16, 12 Nov. 1850. West Africa; "assumed to be the Lower Congo and Gaboon" (Schwarz).

CERCOCEBUS ALBIGENA JOHNSTONI (Lydekker)

Semnocebus albigena johnstoni Lydekker, Novitates Zool., 7: 594, 29 Dec. 1900. "Near Lake Tanganyika," but probably from the Semliki or Ituri Forest (fide Lorenz).

Cercocebus jamrachi Pocock, Ann. Mag. Nat. Hist. (7) 18: 454, pl. 11, Dec. 1906. Molinga, Lake Mweru, Congo Belge.

Cercocebus (*Leptocebus*) *albigena ituricus* Matschie, Revue Zool. Africaine, 2: 208, 15 Feb. 1913. Between Beni and Irumu, Semliki-Ituri Forest, Congo Belge.

Cercocebus albigena ugandæ Matschie, Revue Zool. Africaine, 2: 210, 15 Feb. 1913. Chagwe, Uganda.

C[*ercocebus*] *albigena mawambicus* Lorenz, Ann. Naturh. Hofmus. Wien, 31: 233, 1917. Mawambi, Ituri River, Congo Belge.

CERCOCEBUS ALBIGENA ZENKERI Schwarz

Cercocebus albigena zenkeri Schwarz, Sitzb. Ges. Naturf. Freunde, Berlin, p. 456, 1910. Bipindi, Lokundje River, Cameroons.

Cercocebus (*Leptocebus*) *albigena weynsi* Matschie, Revue Zool. Africaine, 2: 211, 15 Feb. 1913. Sanga, French Congo.

CERCOCEBUS ATERRIMUS (Oudemans). Black Mangabey

Cercopithecus aterrimus Oudemans, Zool. Garten, 31: 267, Sep. 1890. Stanley Falls, Congo Belge.

Cercocebus congicus P. L. Sclater, Proc. Zool. Soc. London, for 1899, p. 827, text-f., 1 Apl. 1900. Stanley Falls district, Congo Belge.

Semnocebus albigena rothschildi Lydekker, Novitates Zool., 7: 595, 29 Dec. 1900. No locality, but probably "the Congo."

Cercocebus hamlyni Pocock, Ann. Mag. Nat. Hist. (7) 18: 208, pl. 7, Sep. 1906. "Upper Congo."

Cercolophocebus cælognathus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, July 1914. Kindu, Lualaba River, Congo Belge.

Range: Whole of the forest area south of the Congo, but not north or east of it.

CERCOCEBUS GALERITUS GALERITUS Peters

Cercocebus galeritus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 830, pl. 1B, 3, 1879. Mitole, mouth of Tana and Osi Rivers, Kenya Colony.

CERCOCEBUS GALERITUS AGILIS Milne-Edwards

Cercocebus agilis Milne-Edwards in Rivière, Revue Scientifique, (3) 12 =38: 15, 3 July 1886. French Congo; "Poste des Ouaddes" (junction of Ubangi and Congo) (fide Schwarz).

Cercocebus hagenbecki Lydekker, Novitates Zool., 7: 594, 29 Dec. 1900. Upper Congo River, Congo Belge.

Cercocebus fumosus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, July 1914. Northwest of Beni, Semliki, Congo Belge.

Cercocebus oberlaenderi Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 172, 1915; Ann. K. K. Naturh. Hofmus., Wien, 31: 230, pl. 15, f. 5, 6, 1917. Mawambi, Ituri Forest, Congo Belge.

CERCOCEBUS GALERITUS CHRYSOGASTER Lydekker

Cercocebus chrysogaster Lydekker, Novitates Zool., 7: 279, pl. 3, 20 Aug. 1900. Upper Congo.

Range: Southern and central Congo Basin (Schwarz).

CERCOCEBUS TORQUATUS TORQUATUS (Kerr)

Simia (Cercopithecus) æthiops torquatus Kerr, Linnæus's Animal Kingdom, p. 67, 1792. Based on Buffon's (Hist. Nat., 14: 244, pl. 33, 1770) "Le Mangabey à collier blanc;" "l'Ethiopie," i.e., West Africa.

[*Cercocebus*] *æthiopicus* F. Cuvier, Hist. Nat. des Mamm., 2: pt. 35, pl. and text-leaf, Dec. 1821. West Africa, south of Cape Verde.

Cercocebus collaris Gray, List Spec. Mamm. Brit. Mus., p. 7, 13 May 1843. "Africa."

Cercocebus crossii Gray, ex Clark MS., List Spec. Mamm. Brit. Mus., p. 7, 13 May 1843. "Africa."

Range: Lower Niger to the Gaboon (Schwarz).

CERCOCEBUS TORQUATUS ATYS (Audebert)

Simia atys Audebert, Hist. Nat. des Singes et Makis, fam. 4, sect. 2, p. 13, pl. 8, 1797. "Indes Orientales" but the type is an albino, labelled "Afrique occidentale" in Paris Mus. (Schwarz).

Cercocebus fuliginosus E. Geoffroy, Ann Mus. d'Hist. Nat. Paris, 19: 97, 1812. No locality, but based on "Le Mangabey" of Buffon (Hist. Nat., 14: 119, pl. 32, 1770) as shown by Schwarz.

Range: French Guinea to Liberia.

CERCOCEBUS TORQUATUS LUNULATUS (Temminck)

Cercopithecus lunulatus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 37, 1853. Rio Boutry, Gold Coast.

CERCOPITHECUS Linnæus. Guenons

Cercopitheci Linnæus, Syst. Nat., ed. 10, 1: 26, 1758. As a subgroup of *Simia*, containing 17 species; no type designated but fixed by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926) as *Simia diana* Linnæus. These authors show that although used only in the plural, the name is a subgenus in the modern sense, so that they "see no reason for rejecting the subgeneric names given under *Simia*."

Cercopithecus Brünnich, Zoologiæ Fundamenta, pp. 34, 40, 1772. Genotype *Simia mona* Schreber, fide Palmer, 1904.

For a full discussion as to the use of this name instead of *Lasiopyga* for the African guenons, see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 373–379, 6 Feb. 1925.

Lasiopyga Illiger, Prodromus Syst. Mamm. et Avium, p. 68, 1811. No type specified; included *Simia nemæa* Linnæus and *S. nictitans* Linnæus. Adopted by Elliot (Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 275, 1912 = 15 June 1913) in place of *Cercopithecus;* type by elimination, *Simia nictitans* Linnæus.

Monichus Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, pp. xi, 1208, 1816. As a subgenus of *Cercopithecus*, to include three species; no type designated, but fixed as *Simia mona* Schreber by J. A. Allen (Bull. Amer. Mus. Nat. Hist., 47: 350, 6 Feb. 1925) thus antedating the selection of *Simia diana* as type by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926).

Miopithecus I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 15: 720, 1037, 1842. Genotype *Simia talapoin* Schreber.

See Pocock, R. I., Notes on the Cercopithecine genera *Rhinostigma* and *Miopithecus* Ann. Mag. Nat. Hist. (9) 16: 264–268, text-ff. A, B, Aug. 1925.

Cercocephalus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 31, 1853. Genotype *Cercocephalus cephus* Temminck = *Simia cephus* Linnæus; a lapsus calami for *Cercopithecus*.

Callithrix Reichenbach, Vollständ. Naturgesch. d. Affen, p. 105, 1862. As a subgenus of *Cercopithecus;* type by tautonymy, *Cercopithecus callithrix* I. Geoffroy = *Simia sabæa* Linnæus. Not *Callithrix* Erxleben, 1777.

Petaurista Reichenbach, Vollständ. Naturgesch. d. Affen, p. 105, 1862. As a subgenus of *Cercopithecus;* type *Simia petaurista* Schreber. Preoccupied by *Petaurista* Link, 1795, a rodent.

Diademia Reichenbach, Vollständ. Naturgesch. d. Affen, p. 107, 1862. As a subgenus of *Cercopithecus;* type not specified but fixed by Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) as *Simia leucampyx* Fischer = *Cercopithecus mitis* Wolf, thus rendering invalid the later designation of *Simia diana* Linnæus as type by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926).

Mona Reichenbach, Vollständ. Naturgesch. d. Affen, p. 109, 1862. As a subgenus of *Cercopithecus;* type *Simia mona* Schreber.

Chlorocebus Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., pp. 5, 24, 1870 (in part). No type specified, but includes six species, of which Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) designated *Simia sabæa* Linnæus as genotype.

Cynocebus Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 26, 1870. As a subgenus of *Chlorocebus;* type *Cercopithecus cynosurus* Geoffroy.

Diana Trouessart, Revue et Mag. de Zool., (3) 6: 124, 1878. As a subgenus of *Cercopithecus;* type *C. diana* (Linnæus). Preoccupied by *Diana* Risso, 1826, in Pisces.

Rhinostictus Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 17, 1897. As a subgenus of *Cercopithecus* for the *nictitans* group to replace *Petaurista* Reichenbach, preoccupied; type *Simia petaurista* Schreber.

Otopithecus Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 22, 1897. As a subgenus of *Cercopithecus;* no type specified, but fixed by Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) as *Cercopithecus pogonias* Bennett.

Pogonocebus Trouessart, Cat. Mamm. Viv. Foss., Suppl., pt. 1, p. 14, 1904. As a subgenus of *Cercopithecus* for the Diana and Brazza Guenons; no type specified; but fixed by Pocock (Proc. Zool. Soc. London, p. 678, 8 Oct. 1907) and by Stiles and Orleman (Journ. Mammalogy, 7: 52, 15 Feb. 1926) as *Simia diana* Linnæus.

Allochrocebus Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga;* type *Cercopithecus l'hoesti* Sclater.

Insignicebus Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga;* type *Cercopithecus albogularis* Sykes.

Melanocebus Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga;* no type specified, but several members of the *mitis* and *nictitans* groups are included. A substitute for *Diademia* Reichenbach.

Neocebus Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: p. xl; 2: 296, 1912 (=15 June 1913). As a subgenus of *Lasiopyga;* type *Simia cephus* Linnæus.

Rhinostigma Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xl; 2: 273, pl. 10, 1912 (=15 June 1913). Genotype *Cercopithecus hamlyni* Pocock. For commentary see Pocock, R. I., Notes on the Cercopithecine genera *Rhinostigma* and *Miopithecus*, Ann. Mag. Nat. Hist. (9) 16: 264–267, Aug. 1925. Elliot has confused the type skull of *Cercocebus hamlyni* Pocock (=*Cercocebus aterrimus*) with that of *Cercopithecus hamlyni* Pocock.

æthiops group

Review: Schwarz, Ernst. Die Meerkatzen der *Cercopithecus æthiops*-Gruppe. Zeitschr. f. Säugetierkunde, 1: 28–47, 31 Aug. 1926.

CERCOPITHECUS ÆTHIOPS ÆTHIOPS (Linnæus)

Simia æthiops Linnæus, Syst. Nat., ed. 10, 1: 28, 1758. Based on account in Hasselquist, Iter Palest., p. 190, 1757; Ethiopia, Upper Egypt, i.e., Sennaar (see Schwarz, E., Zeitschr. f. Säugetierkunde, 1: 35, 31 Aug. 1926).

Simia engytitthia Hermann, Observationes Zool., 1: 1, 1804. No locality. Placed as a synonym of *C. æthiops* by Schwarz, 1926.

Cercopithecus griseo-viridis Desmarest, Encyclop. Méthodique, Mammalogie, 1: 61, 1820. Based on "Le Grivet" of Cuvier (Hist. Nat. des Mamm., pt. 7, pl. 39, 1819). "Afrique."

Simia subviridis F. Cuvier, Dictionnaire des Sci. Nat., 20: 27, 1821. (Africa).

Cercopithecus griseus F. Cuvier, Hist. Nat. des Mamm., Tabl. Gén. Méthodique, p. 1, 1824. Based on "Le Grivet" of 1819.

C[ercopithecus] cano-viridis Gray, List Spec. Mamm. Brit. Mus., p. 5, 13 May 1843. Wrongly attributed to Rüppell.

C[ercopithecus] cinereo-viridis Gray, List Spec. Mamm. Brit. Mus., p. 5, 13 May 1843. Wrongly attributed to Temminck.

Cercopithecus (Chlorocebus) toldti Wettstein, Anzeiger K. Akad. Wiss. Wien, 53: 189, 1916; Denkschr. K. Akad. Wiss. Wien, math.-nat. Kl., 94: 645, 1918. Jebel Riha, near Kadugli, Kordofan.

Cercopithecus (Chlorocebus) cailliaudi Wettstein, Denkschr. K. Akad. Wiss. Wien, math.-nat. Kl., 94: 643, 1918. Blue Nile, Anglo-Egyptian Sudan.

Lasiopyga (Cercopithecus) weidholzi Lorenz, Ann. Naturh. Mus., Wien, 36: 1, pl. 1, Sep. 1922. Egypt.

Cercopithecus æthiops arenarius (Heller)

Lasiopyga pygerythra arenaria Heller, Smithsonian Misc. Coll., 61: no. 17, p. 11, 21 Oct. 1913. Merelle waterholes, Marsabit Road, Kenya Colony.

Cercopithecus æthiops callidus (Hollister)

Lasiopyga pygerythra callida Hollister, Smithsonian Misc. Coll., 59: no. 3, p. 1, 2 Mar. 1912. South side of Lake Naivasha, Kenya Colony.

Cercopithecus æthiops centralis Neumann

Cercopithecus centralis Neumann, Zool. Jahrb., Syst., 13: 533, 10 Oct. 1900. Bukoba, Lake Victoria, Tanganyika Territory.

Cercopithecus tantalus budgetti Pocock, Proc. Zool. Soc. London, p. 733, 8 Oct. 1907. Butiaba ("Bathyaba"), Lake Albert, Uganda.

Cercopithecus tantalus griseistictus Elliot, Ann. Mag. Nat. Hist. (8) 4: 259, Sep. 1909. Bambara, Uele River, Congo Belge.

Cercopithecus (Chlorocebus) cynosurus itimbiriensis Matschie and Dubois, Revue Zool. Africaine, 1: 435, 31 Mar. 1912. Itimbiri River, middle Congo, Congo Belge.

Lasiopyga tantalus beniana Lorenz, Anzeiger K. Akad. Wiss. Wien, 51: 358, 1914. Beni Semliki, Congo Belge.

Lasiopyga tantalus graueri Lorenz, Anzeiger K. Akad. Wiss. Wien, 51: 358, 1914. Northwestern Tanganyika Territory.

CERCOPITHECUS ÆTHIOPS CLOETEI Roberts

Cercopithecus æthiops cloetei Roberts, Ann. Transvaal Mus., 14: 223, pls. 3, 4, 5, figs. 15a, 15b, 15c, 28 July 1931. Mariepskop, Pilgrimsrest district, Transvaal.

CERCOPITHECUS ÆTHIOPS CYNOSUROS (Scopoli)

Simia cynosuros Scopoli, Deliciæ Faunæ et Flor. Insubricæ, 1: 44, pl. 19, 1786. No locality; but fixed as Banana, lower Congo, Congo Belge (see Schwarz, E., Zeitschr. f. Säugetierkunde, 1: 46, 31 Aug. 1926).

Cercopithecus tephrops Bennett, Proc. Zool. Soc. London, p. 109, 18 Nov. 1833. No locality.

Cercopithecus silaceus Elliot, Ann. Mag. Nat. Hist. (8) 4: 263, Sep. 1909. South bank of the Loangwa, Angoniland, northeastern Rhodesia.

Cercopithecus (*Chlorocebus*) *cynosurus weynsi* Matschie and Dubois, Revue Zool. Africaine, 1: 435, 31 Mar. 1912. Banana, mouth of Congo, Congo Belge.

Cercopithecus (*Chlorocebus*) *æthiops lukonzolwæ* Matschie, Revue Zool. Africaine, 1: 438, text-f. 2, 31 Mar. 1912. Lukonzolwa, Lake Mweru, Tanganyika Territory. Probable synonym of *C. æthiops cynosuros*.

Cercopithecus (*Chlorocebus*) *cynosurus tholloni* Matschie, Revue Zool. Africaine, 1: 438, 31 Mar. 1912. Brazzaville, Stanley Pool, lower Congo, Congo Belge.

Cercopithecus pygerythrus katangensis Lönnberg, Revue Zool. Africaine, 7: 141, 1 Oct. 1919. Funda Biabo and Kinda, Katanga, Congo Belge. Probable synonym of *C. æthiops cynosuros*.

CERCOPITHECUS ÆTHIOPS EXCUBITOR Schwarz

Chlorocebus voeltzkowi Matschie, in Voeltzkow's Reise in Ostafrika, 1: no. 1, p. 47, 1923; a nomen nudum.

Cercopithecus æthiops excubitor Schwarz, Zeitschr. f. Säugetierkunde, 1: 43, 31 Aug. 1926. Manda Island, Witu Island, off coast of Tanganyika Territory.

CERCOPITHECUS ÆTHIOPS HILGERTI Neumann

Cercopithecus hilgerti Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 50, 1902. Gobele River, Webi Shebeli, eastern Abyssinia.

Cercopithecus ellenbecki Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 50, 1902. Suksuki and Maki Rivers, Lake Zwai, Abyssinia.

Cercopithecus djamdjamensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 51, 1902. Bamboo forest near Abera, east of Lake Abaja, Abyssinia.

CERCOPITHECUS ÆTHIOPS JOHNSTONI Pocock

[*Cercopithecus pygerythrus*] *johnstoni* Pocock, Proc. Zool. Soc. London, p. 738, 8 Oct. 1907. Moshi, Kilimanjaro district, Tanganyika Territory.

Cercopithecus rubellus Elliot, Ann. Mag. Nat. Hist. (8) 4: 260, Sep. 1909. Fort Hall, Kenya Colony.

Cercopithecus centralis luteus Elliot, Smithsonian Misc. Coll., 56: no. 7, p. 1, 11 June 1910. Wambugu, southwest of Mt. Kenya, Kenya Colony.

Lasiopyga pygerythra tumbili Heller, Smithsonian Misc. Coll., 61: no. 17, p. 10, 21 Oct. 1913. Ndi, Taita Hills, Kenya Colony.

Lasiopyga pygerythra contigua Hollister, Smithsonian Misc. Coll., 72: no. 2, p. 2, 22 Jan. 1920. Changamwe, inland from Mombasa, Kenya Colony.

Cercopithecus æthiops marjoriæ Bradfield

Cerpithecus (sic) *æthiops marjoriæ* Bradfield, in a privately printed leaflet, dated Benoni, South Africa, 26 Sep. 1935; reprinted in The Auk, 53: 131, Jan. 1936. Zoetvlei, near Kuruman, Bechuanaland.

Cercopithecus æthiops marrensis Thomas and Hinton

Cercopithecus tantalus marrensis Thomas and Hinton, Proc. Zool. Soc. London, p. 248, 6 July 1923. Foothills of Jebel Marra, central Darfur, Anglo-Egyptian Sudan.

Cercopithecus æthiops matschiei Neumann

Cercopithecus matschiei Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 51, 1902. Malo, Omo River, southern Abyssinia.

Cercopithecus æthiops matschiei Schwarz, Zeitschr. f. Säugetierkunde, 1: 38, 31 Aug. 1926.

Cercopithecus æthiops nesiotes Schwarz

Chlorocebus pembæ Matschie in Voeltzkow, Reise in Ostafrika, 1: no. 1, p. 184, 1923; a nomen nudum. Pemba Island.

Cercopithecus æthiops nesiotes Schwarz, Zeitschr. f. Säugetierkunde, 1: 42, 31 Aug. 1926. Chake Chake, Pemba Island, off coast of Tanganyika Territory.

Cercopithecus æthiops ngamiensis Roberts

Cercopithecus æthiops ngamiensis Roberts, Ann. Transvaal Mus., 15: 19, 1 Oct. 1932. Toten-Maun road, Ngamiland, Bechuanaland.

Cercopithecus æthiops pygerythrus (F. Cuvier)

Cercopithecus glaucus Lichtenstein, Reisen in Sudlich. Afrika, 1: 645, 1811; nomen nudum.

[*Simia*] *pygérythra* F. Cuvier, Hist. Nat. des Mammifères, pt. 24, pl. [139] and text, p. 2, Jan. 1821. "Africa."

Cercopithecus pygerithræus Desmarest, Encyclopédie Méthodique, Mammalogie, 2: 534, 1822; errorim.

Cercopithecus pusillus Desmoulins, Dictionnaire Classique d'Hist. Nat., 7: 568, 1825. Keiskama, near Great Fish River, Caffraria = Natal.

S[imia] erythropyga G. Cuvier, Règne Anim., ed. 2, 1: 92, 1829. New name for *pygerythrus*.

Cercopithecus lalandii I. Geoffroy, Arch. Mus. d' Hist. Nat. Paris, (1) 2: 561, 1841. New name for *pusillus*.

CERCOPITHECUS ÆTHIOPS RUFOVIRIDIS I. Geoffroy

Cercopithecus rufo-viridis I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 15: 1038, 1842; Arch. Mus. d' Hist. Nat. Paris, (1) 2: 564, 1841. Africa.

Cercopithecus flavidus Peters, Reise nach Mossambique, Säugeth., p. 3, pl. 1B, 1852. Quitangonha, Mozambique, 15° S.

Cercopithecus circumcinctus Reichenbach, Vollständ. Naturgesch. d. Affen, p. 123, pl. 21, f. 310, 1862. "W. Afrika" probably a synonym of this race.

Cercopithecus rufoniger Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 26, 1870. Lapsus for *rufoviridis* I. Geoffroy, to whose plate 32 (Arch. Mus. d' Hist. Nat. Paris, (1) 2: pl. 32, 1841) his page reference evidently refers.

Cercopithecus pygerythrus whytei Pocock, Proc. Zool. Soc. London, p. 738, 8 Oct. 1907. Mt. Chiradgula, Nyasaland.

Cercopithecus pygerythrus helvescens Thomas, Proc. Zool. Soc. London, p. 286, 29 Apl. 1926. Cunene Falls, Southwest Africa. Probably synonym of *C. æthiops rufoviridis*.

CERCOPITHECUS ÆTHIOPS SABÆUS (Linnæus)

Simia sabæa Linnæus, Syst. Nat., ed. 12, 1: 38, 1766. Based on Edwards' St. Jago, Cape Verde Islands, monkey; doubtless from Senegal (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 352, 6 Feb. 1925).

Cercopithecus werneri I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 31: 874, 1850. No locality — Africa.

Cercopithecus callitrichus I. Geoffroy, Cat. Méthodique d. Mamm. Mus. d'Hist. Nat. Paris, p. 23, 1851 (ex Cuvier).

CERCOPITHECUS ÆTHIOPS TANTALUS Ogilby

Cercopithecus tantalus Ogilby, Proc. Zool. Soc. London, p. 33, Oct. 1841. No locality.

Cercopithecus chrysurus Blyth, Ann. Mag. Nat. Hist. (1) 15: 461, July 1845. No locality.

Cercopithecus passargei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 74, 1897. Yola, Benue River, northern Nigeria.

Cercopithecus pousarguei Mitchell, Proc. Zool. Soc. London, 1: 1, 1 June 1905; error for *passargei*.

Cercopithecus tantalus alexandri Pocock, Proc. Zool. Soc. London, p. 545, 19 Oct. 1909. Lake Chad.

Cercopithecus viridis Schultze, Das Sultanat Bornu, p. 62, 1910. Bornu, Nigeria. A nomen nudum, according to Schwarz.

cephus group

CERCOPITHECUS CEPHUS CEPHUS (Linnæus)

Simia cephus Linnæus, Syst. Nat., ed. 10, 1: 27, 1758. "America" = West Africa.

Cercopithecus buccalis Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 10, Feb. 1857. Gaboon.

[*Cercopithecus cephus*] *cephodes* Pocock, Proc. Zool. Soc. London, p. 724, 8 Oct. 1907. Gaboon.

Cercopithecus inobservatus Elliot, Ann. Mag. Nat. Hist. (8) 5: 81, Jan. 1910. "West Africa," exact locality unknown. See Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 153, Jan. 1927.

Cercopithecus pulcher Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 171, 1915. Cameroons.

CERCOPITHECUS CEPHUS ERYTHROTIS Waterhouse

Cercopithecus erythrotis Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838. Island of Fernando Po, West Africa.

Cercopithecus sclateri Pocock, Abstract Proc. Zool. Soc. London, no. 5, p. 18, 22 Mar. 1904; Proc. Zool. Soc. London, 1: 433, text-f. 87, 2 Aug. 1904. Benin, Nigeria.

diana group

CERCOPITHECUS DIANA DIANA (Linnæus)

Simia diana Linnæus, Syst. Nat., ed. 10, 1: 26, 1758. "Guinea" i.e., Liberia (see Jentink, Notes Leyden Mus., 20: 233, 1898).

Simia faunus Linnæus, Syst. Nat., ed. 12, 1: 36, 1766. No locality.

Cercopithecus diana var. *ignita* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870. "West Africa."

CERCOPITHECUS DIANA ROLOWAY (Schreber)

Simia roloway Schreber, Säugthiere, 1: 109, 186 (Latin name), pl. 25, 1774. Guinea.

C[*ercopithecus*] *palatinus* Wagner, Schreber's Säugthiere, Suppl., 5: 47, 1855. Guinea.

CERCOPITHECUS DRYAS Schwarz

Cercopithecus dryas Schwarz, Revue Zool. et Bot. Africaines, 21: 251, 15 Mar. 1932. Lomela, on Lomela River, Sankuru district, Congo Belge.

l'hoesti group

CERCOPITHECUS HAMLYNI Pocock

Cercopithecus hamlyni Pocock, Ann. Mag. Nat. Hist. (7) 20: 521, Dec. 1907; Proc. Zool. Soc. London, p. 160, pl. 10, f. 3 (colored), 17 Sep. 1908. Ituri Forest, Congo Belge.

Cercopithecus leucampyx aurora Thomas and Wroughton, Trans. Zool. Soc. London, 19: 485, Mar. 1910. South end of Lake Kivu, Congo Belge.

Rhinostigma hamlyni Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 273, pl. 10, 30, 1912 (=15 June 1913).

CERCOPITHECUS L'HOESTI L'HOESTI P. L. Sclater

Cercopithecus l'hoesti P. L. Sclater, Proc. Zool. Soc. London, for 1898, p. 586, pl. 48, 1 Apl. 1899. Congo.

Cercopithecus thomasi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 262, 1905. East shore, Lake Kivu, Congo Belge.

Cercopithecus thomasi rutschuricus Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 172, 1915. Mountains bounding east side of Rutschuru plains, eastern Congo Belge.

CERCOPITHECUS L'HOESTI PREUSSI Matschie

Cercopithecus preussi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 76, 1898. Victoria and Cameroon Mt., Cameroons.

Cercopithecus crossi Forbes, Nature (London), 72: 630, 26 Oct. 1905. Cameroons.

Cercopithecus preussi insularis Thomas, Ann. Mag. Nat. Hist. (8) 5: 191, Feb. 1910. Northern Bantabiri, Island of Fernando Po, West Africa ("the differences described for the Fernando Po race appear to be only individual" fide Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 658, June 1928).

C. mitis group; *C. leucampyx* group of Schwarz (1928); subgenera *Melanocebus* and *Insignicebus* of Elliot

CERCOPITHECUS MITIS MITIS Wolf

Cercopithecus mitis Wolf, Abbildungen u. Beschreibungen merkwürdiger naturgesch. Gegenstände, 2: 145, pl. 34, 1822 (Nürnberg). Identified as the Angola form of Diademed Monkey by Schwarz; based on a menagerie animal.

See Schwarz, E., *Cercopithecus mitis* Wolf für *Simia leucampyx* Fischer. Zeitschr. f. Säugetierkunde, 8: 279, 20 Dec. 1933.

Simia leucampyx J. B. Fischer, Synopsis Mamm., p. 20, 1829. "In Guinea", but "perhaps, after all, Angola" (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 653, June 1928).

Cercopithecus diadematus I. Geoffroy, Bélanger's Voyage aux Indes-Orientales, Zool., p. 51, 1834. West Coast of Africa.

Cercopithecus dilophos Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. Monkeys, Opossums and Lemurs, 1: 343, 1838, based on Cuvier's description of the Diana Monkey. Temminck, Esquisses Zool. sur la Côte de Guiné, p. 36, 1853. No locality.

Cercopithecus pluto Gray, Proc. Zool. Soc. London, p. 56, text-f., pl. 3, 2 Dec. 1848. Angola.

[*Cercopithecus stuhlmanni*] *nigrigenis* Pocock, Proc. Zool. Soc. London, p. 692, pl. 39, f. 1, 9 Oct. 1907. West Africa.

Cercopithecus mitis albogularis (Sykes)

Semn[*opithecus*] *?albogularis* Sykes, Proc. Committee of Sci. and Correspondence Zool. Soc. London, pt. 1, p. 106, 5 Aug. 1831. Type locality fixed as Zanzibar (Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 152, Jan. 1927).

Semnopithecus albigularis Lesson, Spec. Mamm., p. 64, 1840.

Cercopithecus mitis albotorquatus Pousargues

Cercopithecus albotorquatus Pousargues, Bull. Mus. d'Hist. Nat., Paris, 2: 55, 1896. No locality.

Cercopithecus rufotinctus Pocock, Proc. Zool. Soc. London, p. 706, 9 Oct. 1907. ?Mombasa, Kenya Colony; but see Ann. Mag. Nat. Hist. (9) 19: 153, Jan. 1927, where it is said to be the form of the Juba River forests.

Cercopithecus (*Insignicebus*) *albogularis zammaranoi* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 248, Feb. 1924. Bidi Scionde, lower Juba, Italian Somaliland.

Cercopithecus mitis boutourlinii Giglioli

Cercopithecus boutourlinii Giglioli, Zool. Anzeiger, 10: 510, 26 Sep. 1887. Kaffa, Abyssinia.

Cercopithecus omensis Thomas, Proc. Zool. Soc. London, for 1900, p. 801, 1 Apl. 1901. Mursu, Omo River, 40 miles north of Lake Rudolf.

Cercopithecus mitis doggetti Pocock

[*Cercopithecus stuhlmanni*] *doggetti* Pocock, Proc. Zool. Soc. London, p. 691, 9 Oct. 1907. Southwestern Ankole, between Lakes Victoria and Albert Edward, Uganda.

Lasiopyga leucampyx sibatoi Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 50: 439, 1913. Mountain forest, northwest of Lake Tanganyika, Congo Belge, 2000 meters.

Cercopithecus mitis erythrarchus Peters

Cercopithecus erythrarchus Peters, Reise nach Mossambique, Säugeth., p. 1, pl. 1, 1852. Inhambane, south of the Zambesi, Mozambique (see also Schwarz, E., Ann. Mag. Nat. Hist. (9) 19: 151, Jan. 1927).

Cercopithecus stairsi P. L. Sclater, Proc. Zool. Soc. London, p. 580, pl. 40, 1892. Delta of the Zambesi, Mozambique.

Cercopithecus albogularis beirensis Pocock, Proc. Zool. Soc. London, p. 701, 9 Oct. 1907. Beira, Mozambique.

[*Cercopithecus stairsi*] *mossambicus* Pocock, Proc. Zool. Soc. London, p. 705, 9 Oct. 1907. Mozambique.

CERCOPITHECUS MITIS KANDTI Matschie

Cercopithecus kandti Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 264, 1905. Volcanoes north of Lake Kivu, between Lakes Tanganyika and Albert Edward, Congo Belge.

Cercopithecus insignis Elliot, Ann. Mag. Nat. Hist. (8) 4: 274, Sep. 1909. Congo Forest, West Africa.

CERCOPITHECUS MITIS KIBONOTENSIS Lönnberg. Blue Monkey

Cercopithecus albogularis kibonotensis Lönnberg, Wiss. Ergebn. d. Schwed. Zool. Exped. Kilimandjaro 1905–6 u. Leitung v. Sjöstedt, Upsala, 2: Mamm., p. 5, 1908. Kibonoto, near Mt. Kilimanjaro, Tanganyika Territory.

Lasiopyga albogularis maritima Heller, Smithsonian Misc. Coll., 61: no. 17, p. 8, 21 Oct. 1913. Mazeras, Kenya Colony.

Lasiopyga albogularis kima Heller, Smithsonian Misc. Coll., 61: no. 17, p. 9, 21 Oct. 1913. Mt. Mbololo, Taita district, Kenya Colony.

CERCOPITHECUS MITIS KOLBI Neumann

Cercopithecus kolbi Neumann, Proc. Zool. Soc. London, 2: 144, Oct. 1902. Kedong escarpment, east side of Mt. Kenya, Kenya Colony.

Cercopithecus kolbi hindei Pocock, Proc. Zool. Soc. London, p. 703, pl. 39, f. 3, 9 Oct. 1907. Tutha, Kenya district, Kenya Colony, 8000 feet.

Cercopithecus kolbi nubilus Dollman, Ann. Mag. Nat. Hist. (8) 5: 202, Feb. 1910. Nairobi Forest, Kenya Colony.

CERCOPITHECUS MITIS LABIATUS I. Geoffroy

Cercopithecus labiatus I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 15: 1038, 1842; Arch. Mus. d'Hist. Nat. Paris, (1) 2: 555, 1841. [South] Africa.

Cercopithecus samango Wahlberg in Sundevall, Öfvers. Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1844, 1: 160, 1845. Inland of Port Natal, Natal.

Cercopithecus chimango Temminck, Esquisses Zool. sur la Côte de Guiné, p. 32, 1853; emendation of *samango* Wahlberg.

CERCOPITHECUS MITIS MÆSI Lönnberg

Cercopithecus leucampyx mæsi Lönnberg, Revue Zool. Africaine, 7: 133, 1 Oct. 1919. Kutu, Lake Léopold II district, Congo Belge.

CERCOPITHECUS MITIS MOLONEYI P. L. Sclater

Cercopithecus moloneyi P. L. Sclater, Proc. Zool. Soc. London, p. 252, pl. 17, Aug. 1893. Karonga, north end of Lake Nyasa, Mozambique.

Cercopithecus francescæ Thomas, Ann. Mag. Nat. Hist. (7) 10: 243, Sep. 1902. Near Mt. Waller, west side of Lake Nyasa, Nyasaland.

CERCOPITHECUS MITIS MONOIDES I. Geoffroy

C[ercopithecus] monoides I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris, (1) 2: 558, pl. 31, 1841. Lectotype, Rufiji River, 8° S., Tanganyika Territory (Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 656, June 1928).

[*Cercopithecus albogularis*] *rufilatus* Pocock, Proc. Zool. Soc. London, p. 702, 9 Oct. 1907. Rufiji River (south of Zanzibar), Tanganyika Territory.

CERCOPITHECUS MITIS NEUMANNI Matschie

Cercopithecus neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 266, 1905. Kwa Kitoto, northern Kavirondo, Tanganyika Territory.

Lasiopyga leucampax (sic) *mauæ* Heller, Smithsonian Misc. Coll., 61: no. 17, p. 7, 21 Oct. 1913. Summit of Mau escarpment, between Londiani and Sirgoit, Kenya Colony.

CERCOPITHECUS MITIS NYASÆ Schwarz

Cercopithecus leucampyx nyasæ Schwarz, Ann. Mag. Nat. Hist. (10) 1: 656, footnote, June 1928. Fort Lister, Mlanje, southern Nyasaland, 3500 ft.

CERCOPITHECUS MITIS OPISTHOSTICTUS P. L. Sclater

Cercopithecus opisthostictus P. L. Sclater, Proc. Zool. Soc. London, for 1893, p. 725, Apl. 1894. Lake Mweru, Northern Rhodesia.

CERCOPITHECUS MITIS PHYLAX Schwarz

Cercopithecus leucampyx phylax Schwarz, Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 32, 1927. Patta Island, Witu group, off coast of Kenya Colony.

CERCOPITHECUS MITIS SCHOUTEDENI Schwarz

Cercopithecus leucampyx schoutedeni Schwarz, Revue Zool. et Bot. Africaines, 16: 126, 15 Sep. 1928. Kwidjwi Island in Lake Kivu, Congo Belge.

CERCOPITHECUS MITIS STUHLMANNI Matschie

Cercopithecus stuhlmanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 225, 1893. North of Kinyawanga, northwest of Lake Albert, Congo Belge.

Cercopithecus otoleucus P. L. Sclater, Proc. Zool. Soc. London, 1: 237, pl. 25, 1 Aug. 1902. Latuka Mts., northern Uganda.

[*Cercopithecus stuhlmanni*] *carruthersi* Pocock, Proc. Zool. Soc. London, p. 691, 9 Oct. 1907. Ruwenzori East, Uganda, 10,000 feet.

Cercopithecus princeps Elliot, Ann. Mag. Nat. Hist. (8) 4: 304, Sep. 1909. Fort Portal, Mpanga Forest, Toro, Uganda.

Cercopithecus (*Mona*) *leucampyx schubotzi* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 78, Dec. 1913. Mawambi, Ituri River, Congo Belge.

Cercopithecus leucampyx elgonis Lönnberg, Revue Zool. Africaine, 7: 133, 1 Oct. 1919. Mt. Elgon, Kenya Colony.

CERCOPITHECUS MITIS SCHWARZI Roberts

Cercopithecus leucampyx schwarzi Roberts, Ann. Transvaal Mus., 14: 222, pls. 3, 4, 5, f. 14a, 14b, 14c, 28 July 1931. Mariepskop, Pilgrimsrest district, Transvaal.

mona group

CERCOPITHECUS MONA MONA (Schreber). Mona Monkey

Simia mona Schreber, Säugthiere, 1: 97, 185 (Latin name), pl. 15, 1775. "Barbary."

Simia monacha Schreber, Säugthiere, 5: pl. 15B, 1804. Africa. Wagner, who completed the Suppl. vol. 1, credits this plate and name to Schreber, as a synonym of *Cercopithecus mona*, in Suppl. 1: 128, 1834.

Cercopithecus mona, var. *monella* Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870. Senegal.

CERCOPITHECUS MONA CAMPBELLI Waterhouse

Cercopithecus campbelli Waterhouse, Proc. Zool. Soc. London, p. 61, July 1838. Sierra Leone.

Cercopithecus temminckii Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. Monkeys, Opossums, and Lemurs, 1: 345, 1838. No locality — coast of Guinea. Probably unidentifiable but may be *campbelli*.

Cercopithecus burnettii Gray, Ann. Mag. Nat. Hist. (1) 10: 256, Dec. 1842. Island of Fernando Po.

Cercopithecus cambelli Temminck, Esquisses Zool. sur la Côte de Guiné, p. 33, 1853; errorim.

CERCOPITHECUS MONA DENTI Thomas

Cercopithecus denti Thomas, Abstract Proc. Zool. Soc. London, no. 38, p. 1, 22 Jan. 1907; Proc. Zool. Soc. London, p. 2, pl. 1, 12 June 1907. Ituri Forest between Mawambi and Avakubi, Congo Belge.

Cercopithecus (*Otopithecus*) *denti liebrechtsi* Dubois and Matschie, Revue Zool. Africaine, 1: 439, text-f. 3, 31 Mar. 1912. Stanley Falls, Congo Belge.

CERCOPITHECUS MONA ELEGANS Dubois and Matschie

Cercopithecus (*Otopithecus*) *elegans* Dubois and Matschie, Revue Zool. Africaine, 1: 440, text-f. 4, 31 Mar. 1912. Probably Lomani, Congo Belge.

CERCOPITHECUS MONA GRAYI Fraser

Cercopithecus grayi Fraser, Cat. Knowsley Coll., p. 8, 1850.

Cercopithecus erxlebenii Dallbet and Pucheran, Revue et Mag. de Zool. (2) 8: 96, Feb. 1856. ?West Africa.

Cercopithecus pogonias pallidus Elliot, Ann. Mag. Nat. Hist. (8) 4: 261, Sep. 1909. Gaboon.

Cercopithecus petronellæ Büttikofer, Notes Leyden Mus., 34: 1, 1 Dec. 1911. "Upper Congo."

Cercopithecus mona lowei Thomas

Cercopithecus campbelli lowei Thomas, Ann. Mag. Nat. Hist. (9) 11: 608, May 1923. Bandama, Ivory Coast.

Cercopithecus mona nigripes Du Chaillu

Cercopithecus nigripes Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 360, Nov. 1860. Gaboon, banks of the Ofoubour River, in the mountains.

Cercopithecus mona pogonias Bennett

Cercopithecus pogonias Bennett, Proc. Zool. Soc. London, p. 67, 20 Sep. 1833. Island of Fernando Po, West Africa.

Cercopithecus mona pyrogaster Lönnberg

Cercopithecus pyrogaster Lönnberg, Revue Zool. Africaine, 7: 137, 1 Oct. 1919. Atene, Kwango, Congo Belge.

Cercopithecus mona wolfi A. B. Meyer

Cercopithecus wolfi A. B. Meyer, Notes Leyden Mus., 13: 63, Jan. 1891. "Central West Africa."

neglectus group

Cercopithecus neglectus Schlegel

Cercopithecus leucampyx Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 22, 1870, not *Simia leucampyx* J. B. Fischer, 1829. White Nile.

Cercopithecus neglectus Schlegel, Mus. du Pays-Bas, Simiæ, p. 70, 1876. Type obtained by Petherick on "White Nile."

Cercopithecus brazzæ A. Milne-Edwards, Revue Scientifique, (3) 12=38: 15, 3 July 1886; P. L. Sclater, Proc. Zool. Soc. London, pp. 225, 443, pl. 33 (col.), 1893. French Congo.

C[ercopithecus] neglectus brazziformis Pocock, Proc. Zool. Soc. London, p. 687, 9 Oct. 1907. Locality uncertain, said to be from "French Congo."

Cercopithecus ezræ Pocock, Abstract Proc. Zool. Soc. London, no. 54, p. 10, 10 Mar. 1908; Proc. Zool. Soc. London, p. 158, pl. 10, f. 2, 17 Sep. 1908. Locality unknown; "probably Upper Congo."

Cercopithecus brazzæ uelensis Lönnberg, Revue Zool. Africaine, 7: 130, 1 Oct. 1919. Poko, Uele district, Congo Belge.

nictitans group

CERCOPITHECUS NICTITANS NICTITANS (Linnæus). White-nosed Monkey

Simia nictitans Linnæus, Syst. Nat., ed. 12, 1: 40, 1766. Guinea.

[*Cercopithecus nictitans*] *laglaizei* Pocock, Proc. Zool. Soc. London, p. 698, 9 Oct. 1907. Gaboon.

Cercopithecus sticticeps Elliot, Ann. Mag. Nat. Hist. (8) 4: 263, Sep. 1909. N'dongo-leti, upper Ubangi River, Congo Belge.

CERCOPITHECUS NICTITANS ASCANIUS (Audebert)

Simia ascanius Audebert, Hist. Nat. des Singes et Makis, fam. 4, sect. 2, fig. 13, 1799. No locality.

Cercopithecus melanogenys Gray, Ann. Mag. Nat. Hist. (1) 16: 212, Sep. 1845. "Africa."

Cercopithecus histrio Reichenbach, Vollständ. Naturgesch. d. Affen, p. 106, ff. 256–259, 1863.

Cercopithecus picturatus Santos, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 11: 98, June 1886. West Africa.

Cercopithecus (*Rhinostictus*) *ascanius cirrhorhinus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 70, Dec. 1913. Province of Stanley Falls, probably from the lower Lomani, Congo Belge.

Cercopithecus (*Rhinostictus*) *ascanius kassaicus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 74, Dec. 1913. Pogge Falls, Kasai, Congo Belge.

Cercopithecus (*Rhinostictus*) *ascanius pelorhinus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 76, Dec. 1913. Bought at Yambuya, Congo Belge.

CERCOPITHECUS NICTITANS BÜTTIKOFERI Jentink

Cercopithecus büttikoferi Jentink, Notes Leyden Mus., 8: 56, Jan. 1886. Liberia.

CERCOPITHECUS NICTITANS ERYTHROGASTER Gray

Cercopithecus erythrogaster Gray, Proc. Zool. Soc. London, p. 169, pl. 16 (col.), Sep. 1866. [?Lagos, Nigeria], West Africa.

CERCOPITHECUS NICTITANS KATANGÆ Lönnberg

Cercopithecus ascanius katangæ Lönnberg, Revue Zool. Africaine, 7: 122, 1 Oct. 1919. Kinda, Katanga, Congo Belge.

CERCOPITHECUS NICTITANS MARTINI Waterhouse

Cercopithecus martini Waterhouse, Proc. Zool. Soc. London, p. 58, July 1838. Island of Fernando Po, West Africa.

Cercopithecus ludio Gray, Proc. Zool. Soc. London, p. 8, Mamm., pl. 9, f. 1 (where name is misspelled *lupio*), 11 Dec. 1849. "Said to have been brought from the west Africa."

Cercopithecus stampflii Jentink, Notes Leyden Mus., 10: 10, Apl. 1888. Pessi Country, Liberia.

Cercopithecus insolitus Elliot, Ann. Mag. Nat. Hist. (8) 4: 258, Sep. 1909. Northern Nigeria.

CERCOPITHECUS NICTITANS MONTANUS Lorenz

Cercopithecus schmidti montanus Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 357, 2 July 1914. Wabembe, northwestern Lake Tanganyika, Congo Belge.

CERCOPITHECUS NICTITANS MPANGÆ Matschie

Cercopithecus (*Rhinostictus*) *schmidti mpangæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 67, Dec. 1913. Mpanga Forest, Uganda.

Cercopithecus (*Rhinostictus*) *schmidti enkamer* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 73, Dec. 1913. Chima Kilima, north of Mawambi, upper Ituri, Congo Belge.

Lasiopyga schmidti ituriensis Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 357, 2 July 1914. Ituri Forest, Congo Belge.

CERCOPITHECUS NICTITANS PETAURISTA (Schreber)

Simia petaurista Schreber, Säugthiere, 1: 103, 186 (Latin name), pl. 19B, 1774. "Guinea."

Simia albinasus Reichenbach, Vollständ. Naturgesch. d. Affen, 1863.

Cercopithecus fantiensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, pp. 64, 98, 1893. Fanti, Rio Boutry, Gold Coast.

Cercopithecus büttikoferi pygrius Thomas, Ann. Mag. Nat. Hist. (9) 11: 607, May 1923. Bandama, Ivory Coast.

CERCOPITHECUS NICTITANS SCHMIDTI Matschie

Cercopithecus schmidti Matschie, Zool. Anzeiger, 15: 161, 2 May 1892. Manyema, west of north end of Lake Tanganyika. (No type locality is designated, but this is given as the origin of Schmidt's specimen.)

Lasiopyga ascanius kaimosæ Heller, Smithsonian Misc. Coll., 61: no. 17, p. 10, 21 Oct. 1913. Upper Lukosa River, near Kaimosi mission station, Kenya Colony.

Cercopithecus (*Rhinostictus*) *schmidti sassæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 72, Dec. 1913. Sassa, west of Lake Albert Edward, Congo Belge.

Cercopithecus schmidti rutschuricus Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 228, pl. 15, f. 2, 1917. Mountains on east border of Rutschuru plains, Congo Belge.

Cercopithecus ascanius orientalis Lönnberg, Revue Zool. Africaine, 7: 125, 1 Oct. 1919. Camp Simba, Zuwani River, Kenya Colony.

CERCOPITHECUS NICTITANS SIGNATUS Jentink

Cercopithecus signatus Jentink, Notes Leyden Mus., 8: 55, Jan. 1886. West Africa, "perhaps from Banana," Congo.

CERCOPITHECUS NICTITANS WHITESIDEI Thomas

Cercopithecus ascanius whitesidei Thomas, Ann. Mag. Nat. Hist. (8) 4: 542, Dec. 1909. Nsoli, Ikau, upper Lulanga River, Congo Belge, about 1° N., 22° E.

Cercopithecus (*Rhinostictus*) *ascanius omissus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, 47: 68, Dec. 1913. Locality unknown; brought by a caravan coming from Manyema, west of the north end of Lake Tanganyika, Congo Belge.

talapoin group

CERCOPITHECUS TALAPOIN TALAPOIN (Schreber)

Simia talapoin Schreber, Säugthiere, 1: 101, 186 (Latin name), pl. 17, 1774. No locality.

S[*imia*] (*Cercopithecus*) *niger* Kerr, Linnæus's Animal Kingdom, p. 71, 1792. No locality, but refers to Bosman's voyage, hence probably West Africa. Possibly a synonym of *Cercopithecus talapoin* (Schreber).

Cercopithecus pileatus I. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 110, 1812. No locality.

Miopithecus capillatus I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 15: 720, 1842. No locality; on a later page (1037) the author retracted this supposed species.

Cercopithecus melarhinus Schinz, Systemat. Verzeichn. Säugeth., 1: 47, 1844. "Africa."

CERCOPITHECUS TALAPOIN ANSORGEI Pocock

[*Cercopithecus talapoin*] *ansorgei* Pocock, Proc. Zool. Soc. London, p. 742, 9 Oct. 1907. Canhoca (not "Cambaca"), Angola.

CERCOPITHECUS TALAPOIN PILETTEI (Lönnberg)

Miopithecus talapoin pilettei Lönnberg, Revue Zool. Africaine, 7: 119, 1 Oct. 1919. Kabawaki, Ruwenzori, Congo Belge, 2500 m.

ERYTHROCEBUS Trouessart. Red Monkeys

Erythrocebus Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 1, p. 19, 1897. As a subgenus of *Cercopithecus;* no type designated, but of the four species included, *Cercopithecus patas* (Schreber) is here made the type.

Simia, Cercopithecus, Cercocebus, Chlorocebus, in part, of older authors.

Review: Schwarz, Ernst. Die Formen der Gattung *Erythrocebus.* Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 24–31, 1927.

ERYTHROCEBUS PATAS PATAS (Schreber)

Simia patas Schreber, Säugthiere, 1: 98, 185 (Latin name), pl. 16, 1774. Senegal.

Simia rubra Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 34, 1788. No locality; based on Buffon.

Simia (Cercopithecus) ruber nigro-fasciatus Kerr, Linnæus's Animal Kingdom, p. 71, 1792. Senegal, Congo.

Simia (Cercopithecus) ruber albo-fasciatus Kerr, Linnæus's Animal Kingdom, p. 71, 1792. Senegal, Congo.

Simia rufa Schreber, Säugthiere, Suppl., pl. 16B, 1804?.

Cercopithecus circumcinctus Reichenbach, Die Vollständ. Naturgesch. d. Affen, p. 123, pl. 21, f. 310, 1863. ?West Africa.

Cercopithecus patas sannio Thomas, Ann. Mag. Nat. Hist. (7) 17: 173, 31 Jan. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Yo, Lake Chad.

Cercocebus kerstingi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 274, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Sokode, Togo, Nigeria.

Erythrocebus langheldi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 276, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin for 1926, p. 29, 1927). Garua, upper Benua River, Cameroons.

Erythrocebus zechi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, for 1905, p. 274, 2 Feb. 1906 (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927). Kete Kradji, western Togoland, Nigeria.

Range: Senegal to Lake Chad.

ERYTHROCEBUS PATAS BAUMSTARKI Matschie.

Erythrocebus baumstarki Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 273, 1905. Ikoma, southeast end of Lake Victoria, Tanganyika Territory.

Probably a recognizable race (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 28, 1927).

ERYTHROCEBUS PATAS PYRRHONOTUS (Hemprich and Ehrenberg)

Cercopithecus pyrrhonotus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, pl. 10 and folio hh, kk, Aug. 1832. Darfur, Anglo-Egyptian Sudan.

Cercopithecus poliophæus Reichenbach, Vollständ. Naturgesch. d. Affen, p. 122, pl. 21, f. 309, 1863. Fazogli, Blue Nile, eastern border of Anglo-Egyptian Sudan.

Cercopithecus poliolophus Heuglin, Reise in Nordost-Afrika, 2: 6, 1877. Proposed as a substitute for *Cercopithecus poliophæus* Reichenbach. Fazogli, Blue Nile, eastern Anglo-Egyptian Sudan.

Erythrocebus formosus Elliot, Ann. Mag. Nat. Hist. (8) 4: 264, Sep. 1909. Uganda.

A synonym of *pyrrhonotus* Hemprich and Ehrenberg (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 29, 1927).

Cercopithecus (*Erythrocebus*) *patas albosignatus* Matschie, Revue Zool. Africaine, 1: 433, text-f. 1, 31 Mar. 1912. Mbomu River, Uele basin, Congo Belge.

Erythrocebus albigenus Elliot, Ann. Mag. Nat. Hist. (8) 4: 265, Sep. 1909. Egyptian Sudan.

A synonym of *E. patas pyrrhonotus* (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 30, 1927).

Erythrocebus whitei Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 11, pl. 2, 31 Mar. 1910. Nzoia River, Guas Ngishu plateau, Kenya Colony.

A synonym of *E. patas pyrrhonotus* (see Schwarz, E., Sitzb. Ges. Naturf. Freunde, Berlin, for 1926, p. 30, 1927).

Cercopithecus (*Erythrocebus*) *patas poliomystax* Matschie, Revue Zool. Africaine, 1: 434, 31 Mar. 1912. Upper Congo.

Range: Sudan, south to northern Uganda and the Guas Ngishu plateau.

Comopithecus J. A. Allen. Hamadryas Baboon

Comopithecus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 312, 6 Feb. 1925. Genotype *Simia hamadryas* Linnæus; to replace *Hamadryas* Lesson, preoccupied in insects.

Hamadryas Lesson, Spec. Mamm., p. 107, 1840. Genotype *Hamadryas chœropithecus* Lesson = *Simia hamadryas* Linnæus; preoccupied by *Hamadryas* Hübner, 1806, for a genus of insects.

Simia, *Cercopithecus*, *Cynocephalus*, *Papio*, in part, of older authors.

Comopithecus brockmani (Elliot)

Papio brockmani Elliot, Ann. Mag. Nat. Hist. (8) 4: 248, Sep. 1909. Dirre Dawa, Somaliland, 3500 feet.

Elliot insists that this is a species distinct from *Comopithecus hamadryas* (Linnæus).

Comopithecus hamadryas (Linnæus). Hamadryas

Simia hamadryas Linnæus, Syst. Nat., ed. 10, 1: 27, 1758. Egypt; based on Alpius.

Simia cynamolgos Linnæus, Syst. Nat., ed. 10, 1: 28, 1758. Based on *Simia ægyptiaca* Linnæus, in Hasselquist, 1757, hence Upper Egypt.

Cynocephalus wagleri L. Agassiz, Oken's Isis, 21: 862, pl. 11, 1828. No locality; probably same as *Comopithecus hamadryas* (Linnæus).

Hamadryas chœropithecus Lesson, Spec. Mamm., p. 109, 1840. "L'Abyssinie, l'Arabie, et l'Egypte."

Hamadryas ægyptiaca Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., p. 34, 1870. New name for *Simia hamadryas* Linnæus and *Simia ægyptiaca* Hasselquist. Egypt, Arabia, Abyssinia.

Range: Eastern Ethiopia and eastern Sudan, mainly in the lowlands; to Arabia.

Macaca Lacépède

Simia Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. Genotype *Simia sylvanus* Linnæus.

On status of the generic name *Simia*, see Thomas, O., Proc. Zool. Soc. London, p. 125, 22 Mar. 1911; Stiles, C., Science, n. ser., 64: 138, 6 Aug. 1926; also Stiles, C. W., and Orleman, M. B., The nomenclature for Man, the Chimpanzee, the Orang-Utan and the Barbary Ape, Bull. Hygienic Lab., U. S. Pub. Health Service, Washington, no. 145, p. 1–60, 1927.

By suspension of rules, the names *Simia*, *Simia satyrus* and *Pithecus* are suppressed, see Opinion 114, of Internat. Comm. on Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 25, 8 June 1929.

Macaca Lacépède, Tabl. Mamm., p. 4, 1799. Genotype *Simia inuus* Linnæus = *Simia sylvanus* Linnæus.

Inuus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 100, 1812. Genotype *Inuus ecaudatus* E. Geoffroy = *Simia sylvanus* Linnæus.

Sylvanus Oken, Lehrbuch d. Naturgesch., pt. 3: zool., sect. 2, p. 1223, 1816. Genotype *Inuus ecaudatus* E. Geoffroy = *Simia sylvanus* Linnæus. Not *Sylvanus* Rafinesque, 1815, but synonymous with *Sylvanus* Virey, 1819, genotype *Simia sylvanus* Linnæus. Preoccupied by *Sylvanus* Latreille, 1807, in Coleoptera.

Pithes Burnett, Quart. Journ. Sci., Lit. and Art, 26: 307, 1828. Genotype *Pithes sylvanus* = *Simia sylvanus* Linnæus.

Perhaps a misprint for *Pithecus*.

Pithecus Gervais, Hist. Nat. des Mamm., 1: 94, 1854, in part.

Innuus Encyclop. Britannica, Mamm., ed. 8, 14: 141, 1857; misspelling of *Inuus*.

Macaca sylvanus (Linnæus). Barbary Ape

Simia sylvanus Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. "In Africa, Ceylona" = Barbary Coast.

Simia inuus Linnæus, Syst. Nat., ed. 12, 1: 35, 1766. "Africa."

Simia pithecus Schreber, Säugthiere, 1: pl. 4B, 1799. From Buffon.

Inuus ecaudatus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 100, 1812. Mediterranean coast of Africa, and Gibraltar.

Inuus pithecus Lesson, Spec. Mamm., p. 99, 1840.

Pithecus pygmaeus Reichenbach, Vollständ. Naturgesch. d. Affen, p. 145, 1863. Range: Morocco and Algeria; introduced on the rock of Gibraltar.

See Joleaud, L. Le magot de Berberie. Bull. Soc. d'Acclimatation, Paris, 78: 153–155, 1931.

Mandrillus Ritgen. Mandrills

Mandrillus Ritgen, Naturl. Eintheilung d. Säugeth., p. 33, 1824, where the name is credited to Cuvier, who, however, used only the French form. Based on "Les Mandrills" of Cuvier, i.e., *Simia maimon* Linnæus and *Simia mormon* Alströmer, both synonyms of *Simia sphinx* Linnæus; hence genotype *Simia sphinx* Linnæus. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 311, 6 Feb. 1925.

Mandril Voigt, Cuvier's Thierreich, 1: 88, 1831. As a subgenus of *Simia;* included two species, neither designated as type.

Mormon Wagner, Schreber's Säugthiere, Suppl., 1: 164, 1839. As a subgenus of *Cynocephalus;* type by tautonymy *Simia mormon* Alströmer = *Simia sphinx* Linnæus, 1758. Preoccupied by *Mormon* Illiger, 1811, in birds.

Drill Reichenbach, Vollständ. Naturgesch. d. Affen, p. 162, 1862. As a subgenus of *Mormon;* type by monotypy, *Simia leucophæa* F. Cuvier.

Chæropithecus Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 35, 1870. Genotype *Simia leucophæa* F. Cuvier. Not *Chæropithecus* Blainville, 1839.

Maimon Trouessart, Cat. Mamm. Viv. Foss., Suppl., pt. 1, p. 21, 1904. As a subgenus of *Papio;* type by tautonymy *Simia maimon* Linnæus = *Simia sphinx* Linnæus. Not *Maimon* Wagner, 1839, for a wholly different group.

Mandrillus sphinx (Linnæus). The Mandrill

Simia sphinx Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. "Borneo" = West Africa.

Simia maimon Linnæus, Syst. Nat., ed. 12, 1: 35, 1766. "Zeylona" = West Africa, based on an immature specimen of *Simia sphinx* Linnæus.

Simia mormon Alströmer, Kongl. Svenska Vet.-Akad. Handl., Stockholm, p. 144, 1766.

Simia madarogaster Zimmermann, Geographische Geschichte, 2: 176, 1780. No locality. A synonym of *Simia maimon* Linnæus = *Mandrillus sphinx* (Linnæus), see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 16: 21, 1 Feb. 1902.

Simia suilla Kerr, Linnæus's Animal Kingdom, p. 59, 1792. Based on Pennant's figure; no locality.

Papio planirostris Elliot, Ann. Mag. Nat. Hist. (8) 4: 304, Sep. 1909. Fan, southern Cameroons. Possibly a synonym of *Mandrillus sphinx* (Linnæus).

Mandrillus schreberi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 344, 25 Sep. 1917. New name for *Simia maimon* Schreber = *Simia sphinx* Linnæus.

Mandrillus leucophæus (F. Cuvier). Drill

S[imia] (Papio) cinerea Kerr, Linnæus's Animal Kingdom, p. 62, 1792. Based on the Cinereous Baboon of Pennant; unidentifiable, but "strongly suggestive" of the later-described *Simia leucophæa* F. Cuvier (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 7: 185, 1895). "Probably . . . Africa."

Simia leucophæa F. Cuvier, Ann. Mus. d' Hist. Nat. Paris, 9: 477, pl. 37, 1807. No locality but "probablement des côtes d'Afrique."

Cynocephalus drill Lesson, Complements de Buffon, ed. 2, Paris, 1: 259, 1838. New name for *Simia leucophæa* F. Cuvier.

Papio mundamensis Hilzheimer, Zool. Anzeiger, 30: 109, 17 Apl. 1906. Mukonje Farm, Mundame, Cameroons. A synonym of *Mandrillus leucophæus* (F. Cuvier) according to Elliot, who examined the type.

Probably the following described forms are not entitled to recognition:

MANDRILLUS BURLACEI (W. Rothschild)

Maimon burlacei W. Rothschild, Ann. Mag. Nat. Hist. (9) 10: 232, Aug. 1922. Bitye, Ja River, Cameroons. Status uncertain.

MANDRILLUS ESCHERICHI Matschie and Zukowsky

Mandrillus escherichi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 478, 25 Oct. 1917. Ekododo, on the Temboni, near southern border of Spanish Guinea.

MANDRILLUS HAGENBECKI Matschie and Zukowsky

Mandrillus hagenbecki Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 488, 25 Oct. 1917. Probably coast region near Lagos, Nigeria.

MANDRILLUS POENSIS Zukowsky

Mandrillus poensis Zukowsky, Arch. f. Naturgesch., 88: sect. A, pt. 3, p. 184, 1 pl., June 1922. Island of Fernando Po, West Africa.

Mandrillus insularis Zukowsky, Arch. f. Naturgesch., for 1925, 91: sect. A, no. 5, p. 132, text-f., July 1926. Island of Fernando Po, West Africa. Presumably = *M. poensis* Zukowsky.

MANDRILLUS TESSMANNI Matschie and Zukowsky

Mandrillus tessmanni Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 470, 25 Oct. 1917. Okak-land, on middle Benito, not far from Alen (Nkolentengan), Spanish Guinea.

MANDRILLUS ZENKERI Matschie and Zukowsky

Mandrillus zenkeri Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 479, 25 Oct. 1917. Probably between Bipindi on the Lokundje, and Yaunde, Cameroons.

MANDRILLUS ZENKERI EBOLOWÆ Matschie and Zukowsky

[*Mandrillus zenkeri*] var. *ebolowæ?* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 493, 25 Oct. 1917. Near Ebolowa, Cameroons.

Papio Erxleben. Baboons

Papio Erxleben, Syst. Regni Animalis, p. 15, 1777. Genotype *Papio sphinx* Erxleben (not of Linnæus, q.e. *Cynocephalus papio* Desmarest, 1820). On the status of *Papio* "Brisson" (Haak) see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 306, footnote, 6 Feb. 1925.

Cynocephalus Cuvier and Geoffroy, Mag. Encyclop., 3: 462, 1795. Genotype *Simia cynocephalus* Linnæus. Preoccupied by *Cynocephalus* Boddært, 1768, in Insectivora.

Chæropithecus Gervais, Dictionnaire Pittoresque d'Hist. Nat., 8: 90, 1839. As a subgenus of *Simia;* type *Simia cynocephalus* Linnæus.

Choiropithecus Reichenbach, Vollständ. Naturgesch. d. Affen, p. 151, 1862. As a subgenus of *Cynocephalus;* type *Simia porcaria* Boddært. An emendation of *Chæropithecus* Gervais.

Papio comatus comatus E. Geoffroy. Chacma Baboon

Simia porcaria Boddært, Naturforscher, 22: 17, pl. 1, f. 1–2, 1787. Africa. Not *Simia porcaria* Brünnich, Dyrenes Hist., 1: 13, pl. 1, 1782 = *Macaca nemestrina* (Linnæus); see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934. Probably *Simia porcaria* Zimmermann (Geogr. Geschich., 2: 197, 1780) is unidentifiable (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 16: 22, 1 Feb. 1902).

Simia sphingiola Hermann, Observationes Zool., 1: 2, 1804. The type locality, Sumatra, precludes this being an African species (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934); but no locality is given in above citation.

S[imia] (Cercopithecus) hamadryas ursinus Kerr, Linnæus's Animal Kingdom, p. 39, 63, 1792. Based on Pennant, Hist. Quadrupeds, p. 179, no. 86, 1781; Cape of Good Hope.

Papio comatus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 103, 1812. Cape of Good Hope. For the use of this name in place of *Papio porcarius* and on the synonymy see Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934.

C[ynocephalus] ursinus Wagner, Schreber's Säugthiere, Suppl., 1: 162, pl. 8B, 1840; 5: 65, 1855. Cape of Good Hope.

Papio porcarius orientalis Goldblatt, South African Journ. Sci., 23: 782, pl. 16, f. 1a, 2a, 2c, Dec. 1926. Eastern South Africa.

Papio porcarius occidentalis Goldblatt, South African Journ. Sci., 23: 782, pl. 16, f. 1b, 2b, 2d, Dec 1926. Western Transvaal and Cape of Good Hope.

Choiropithecus porcarius transvaalensis Zukowsky, Carl Hagenbeck's Illustrierte Tier- u. Menschenwelt (Hamburg), 2: pt. 3, p. 57, Sept. 1927. Northern Transvaal.

Papio cynocephalus porcarius Schwarz, Zeitschr. f. Säugetierkunde, 3: 212, 11 June 1928.

Papio cynocephalus jubilæus Schwarz, Zeitschr. f. Säugetierkunde, 3: 211, 11 June 1928. Missale, 14° S., 33° 10′ E., northeastern Rhodesia.

Papio comatus chobiensis Roberts

Papio porcarius chobiensis Roberts, Ann. Transvaal Mus., 15: 18, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland.

Papio comatus griseipes Pocock

Papio porcarius griseipes Pocock, Abstract Proc. Zool. Soc. London, no. 93, p. 17, 28 Mar. 1911; Proc. Zool. Soc. London, p. 558, 15 Sep. 1911. Potchefstroom, Transvaal.

Although Shortridge (Mamm. South West Africa, 1: 9, 1934) regards this as a species distinct from *Papio comatus*, Schwarz (Ann. Mag. Nat. Hist. (10) 14: 258, Aug. 1934) believes it is a race of the Chacma, and thinks it probable that the type may have come from the northern Transvaal instead of from Potchefstroom.

Papio porcarius nigripes Roberts, Ann. Transvaal Mus., 15: 19, 1 Oct. 1932. Magalakuin River, northern Transvaal. Probably a synonym of *Papio comatus griseipes* Pocock.

Papio comatus ngamiensis Roberts

Papio porcarius ngamiensis Roberts, Ann. Transvaal Mus., 15: 18, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

Papio cynocephalus cynocephalus (Linnæus). Yellow Baboon

Simia cynocephalus Linnæus, Syst. Nat., ed. 12, 1: 38, 1766. "Africa," regarded by Anderson (Zool. of Egypt, Mamm., p. 64, 1902) as inland from Mombasa, Kenya Colony, a decision which "may well be accepted as final" (Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 315, 6 Feb. 1925).

Papio sphinx Erxleben, Syst. Regni Animalis, p. 15, 1777. Tropical Africa ("in calidissimis Africæ Indiaque"). Not *Simia sphinx* Linnæus, 1758, = *Mandrillus sphinx* (Linnæus).

S[imia] (Papio) variegata Kerr, Linnæus's Anim. Kingdom, p. 62, 1792. Based on the Yellow Baboon of Pennant; "Africa."

Simia sylvicola Shaw, General Zool., 1: Mamm., pt. 1, p. 22, pl. 12, 1800. No locality; based on the Wood Baboon of Pennant, from Guinea.

Simia sublutea Shaw, General Zool., 1: Mamm., pt. 1, p. 23, 1800. No locality; based on the Yellow Baboon of Pennant.

Cynocephalus babouin Desmarest, Encyclop. Méthodique, Mammalogie, 1: 68, 1820. No locality, except northern Africa.

Cynocephalus antiquorum Schinz, in Cuvier's Thierreich (Schinz ed.), 1: 115, 1821.

Cynocephalus thoth Ogilby, Proc. Zool. Soc. London, p. 11, July 1843. Locality unknown. Type regarded by Anderson (see Mamm. of Egypt, p. 57–64, 1902) as unquestionably *Papio cynocephalus*.

Cercopithecus ochraceus Peters, Reise nach Mossambique, Säugeth., p. 2, pl. 1a, 1853. Querimba, Mozambique, 10° – 13° S.

This is a young baboon, probably of the *cynocephalus* group according to Elliot (Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 121, 1912 = 15 June 1913).

Cynocephalus langheldi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 233, 1892. Eastern slope of Unguru Mts., Tanga, Ukami, Usukuma, Tanganyika Territory.

PAPIO CYNOCEPHALUS KINDÆ Lönnberg

Papio kindæ Lönnberg, Revue Zool. Africaine, 7: 147, 1 Oct. 1919. Kinda, Lulua district, Congo Belge.

PAPIO CYNOCEPHALUS RHODESIÆ (Haagner)

Choiropithecus rhodesiæ Haagner, South African Journ. Nat. Hist., 1: 83, pl. 3, May 1918. Central Rhodesia.

PAPIO CYNOCEPHALUS STREPITUS Elliot

Papio strepitus Elliot, Ann. Mag. Nat. Hist. (7) 20: 194, Sep. 1907. Fort Johnston, south end of Lake Nyasa, Nyasaland. Possibly same as *P. cynocephalus cynocephalus*.

PAPIO DOGUERA DOGUERA (Pucheran). Anubis Baboon

S[imia] anubis J. B. Fischer, Synopsis Mamm., p. 33, 1829. Africa (according to Anderson, perhaps Upper Nile, Meröe Id.), but regarded as "absolutely undeterminable" by J. A. Allen (Bull. Amer. Mus. Nat. Hist., 47: 315, 6 Feb. 1925), and hence to be dropped.

Cynocephalus doguera Pucheran, Revue et Mag. de Zool., (2) 8: 96, Feb. 1856; (2) 9: 250, June 1857. Abyssinia.

On the use of this name rather than the unidentifiable *anubis*, see Allen, J. A., Bull Amer. Mus. Nat. Hist., 47: 315–316, 6 Feb. 1925.

PAPIO DOGUERA FURAX Elliot

Papio furax Elliot, Ann. Mag. Nat. Hist. (7) 20: 498, Dec. 1907. Baringo, northwest of Mt. Kenya, Kenya Colony.

Range: Northern Guaso Nyiro to Lake Naivasha, Kenya Colony.

PAPIO DOGUERA HEUGLINI Matschie

Papio heuglini Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 81, 1898. Near Shilluk Islands, White Nile, Anglo-Egyptian Sudan.

On status and synonymy see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 320, 6 Feb. 1925.

Papio lydekkeri W. Rothschild, Novitates Zool., 9: 140, 10 Apl. 1902. Upper Blue Nile.

P[apio] anubis, subsp. *olivaceus* De Winton, in Anderson's Zool. Egypt, Mamm., p. 53, 1902, in part; not *Cynocephalus olivaceus* I. Geoffroy = *Papio papio* Desmarest.

Papio nigeriæ Elliot, Ann. Mag. Nat. Hist. (8) 4: 247, Sep. 1909. Ibi, northern Nigeria.

Papio werneri Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 190, 1916. Gebel Talodi, near Talodi, Nuba Mts., southern Kordofan.

Papio doguera ibeanus Thomas

Papio thoth ibeanus Thomas, Ann. Mag. Nat. Hist. (6) 11: 47, Jan. 1893. Lamu, Kenya Colony.

Papio doguera neumanni Matschie

Papio neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 161, 1897. Dönyo Ngai and Wadi Natron, Masailand, Tanganyika Territory.

Papio anubis lestes Heller, Smithsonian Misc. Coll., 61: no. 19, p. 10, 8 Nov. 1913. Ulukenia Hills, Athi Plains, Kenya Colony. Probably same as *P. doguera neumanni* Matschie.

Papio anubis vigilis Heller, Smithsonian Misc. Coll., 61: no. 19, p. 11, 8 Nov. 1913. Lakiundu River, near its junction with Northern Guaso Nyiro, Kenya Colony. Probably a synonym of *Papio doguera neumanni* Matschie.

Papio doguera tessellatus Elliot

Papio tessellatum Elliot, Ann. Mag. Nat. Hist. (8) 4: 247, Sep. 1909. Mulema, Ankole, Uganda.

On status and synonymy see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 317, 6 Feb. 1925.

Papio silvestris Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 52: 173, 16 June 1915. Mawambi, Congo Belge.

Papio graueri Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 31: 236, 1917. Rutschuru Plains, Congo Belge.

Papio papio (Desmarest). Western Baboon

Cynocephalus papio Desmarest, Encyclop. Méthodique, Mammalogie, 1: 69, 1820. West Africa, "la côte de Guinée."

C[ynocephalus] choras Ogilby, Proc. Zool. Soc. London, p. 12, July 1843. West Africa, "brought from the Niger Expedition."

Cynocephalus olivaceus I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris, 5: 531 (name only), 543, footnote, 1851. Gulf of Benin, Guinea, West Africa.

Papio rubescens Temminck, Esquisses Zool. sur la Côte de Guiné, p. 39, 1853. West Africa, exact locality of the coast unknown.

Papio yokoensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89, 1900. Yoko, on the Sanaga River, Cameroons.

PAPIO PRUINOSUS Thomas

Papio pruinosus Thomas, Proc. Zool. Soc. London, for 1896, p. 789, pl. 38, Apl. 1897. Fort Johnston = Lesumbwe, Monkey Bay, south end of Lake Nyasa, Nyasaland.

Probably an individual variation.

THEROPITHECUS I. Geoffroy. Gelada Baboon

Theropithecus I. Geoffroy, Arch. Mus. d'Hist. Nat. Paris for 1841, 2: 576, 1843. Genotype *Macacus gelada* Rüppell.

Gelada Gray, List Spec. Mamm. Brit. Mus., pp. xvii, 9, 13 May 1843. Genotype *Gelada rüppellii* Gray = *Macacus gelada* Rüppell.

"Although published in the same year," *Theropithecus* is universally given recognition.

THEROPITHECUS GELADA (Rüppell). Gelada Baboon

Macacus gelada Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 5, pl. 2, 1835. Mountains of southern Abyssinia, in provinces of Haremat, Simien, and Godjam.

Theropithecus senex Pucheran (ex Schimper MS.), Revue et Mag. de Zool., (2) 9: 243, June 1857. Abyssinia.

Elliot (Review of the Primates, Monographs Amer. Mus. Nat. Hist., 2: 156, 1912, =15 June 1913) shows that this is doubtless a synonym of *T. gelada* (Rüppell).

Theropithecus nedjo Reichenbach, Vollständ. Naturgesch. d. Affen, p. 204, 1863. New name for *Theropithecus obscurus* Heuglin = *Theropithecus gelada* (Rüppell).

Theropithecus obscurus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: Abhandl., no. 2, suppl., p. 10, 1863. Sources of Takazza River, Galla country, southern Abyssinia, 6–10,000 feet.

Gelada rüppellii Gray, List Spec. Mamm. Brit. Mus., p. 9, 13 May 1843; Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 33, 1870. New name for *Macacus gelada* Rüppell.

Range: Mountainous parts of Abyssinia, mainly above 6000 feet.

Family COLOBIDÆ. Leaf-eating Monkeys

Regarded by Allen, J. A. (Bull. Amer. Mus. Nat. Hist., 47: 431, 6 Feb. 1925) as a subfamily of Lasiopygidæ (=Cercopithecidæ) but by Hollister, N. (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 37, 1924) as a distinct family, Colobidæ.

COLOBUS Illiger. Colobus or Guereza Monkeys

Colobus Illiger, Prodromus Syst. Mamm. et Avium, p. 69, 1811. Genotype *Simia polycomos* Schreber.

Colobolus Gray, London Medical Repository, 15: 298, 1 Apl. 1821.

Guereza Gray, Cat. Monkeys, Lemurs and Fruit-eating Bats Brit. Mus., pp. v, 19, 1870. Genotype *Guereza rüppellii* Gray = *Colobus polykomos abyssinicus* (Oken).

Procolobus Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 95, pl. 1, 1886–87. Genotype *Colobus verus* Van Beneden.

Tropicolobus Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 96, pls. 2, 28, 1886–87. Genotype *Colobus rufomitratus* Peters.

Piliocolobus Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 105, pl. 3–6, 1886–87. Included four species; genotype *Simia* (*Cercopithecus*) *badius* Kerr (see Allen, J. A., Journ. Mammalogy, 1: 97, Feb. = 2 Mar. 1920).

Stachycolobus Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 114, 1886–87. Genotype *Colobus satanas* Waterhouse.

Pterycolobus Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, pp. 96, 125, pl. 10, 1886–87. Genotype *Colobus vellerosus* I. Geoffroy.

Lophocolobus Pousargues, Bull. Mus. d'Hist. Nat. Paris, 1: 98, text-f. 1, [20 Apl.] 1895. As a subgenus of *Colobus;* type *Colobus verus* Van Beneden.

Review: Schwarz, E. On the local races and distribution of the Black and White Colobus Monkeys. Proc. Zool. Soc. London, p. 585–598, map, 16 Oct. 1929.

Schwarz, E. Bemerkungen über die roten Stummelaffen. Zeitschr. f. Säugetier kunde, 3: 92–97, 11 June 1928.

See also Allen, J. A. Primates collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 47: 283–499, pl. 79–167, text-f. 1–3, map, 6 Feb. 1925.

polykomos section

COLOBUS POLYKOMOS POLYKOMOS (Zimmermann). Black and White Colobus

Cebus polykomos Zimmermann, Geogr. Geschichte, 2: 202, 1780. Based on Pennant's account, in litt. Sierra Leone.

Simia (*Cercopithecus*) *regalis* Kerr, Linnæus's Animal Kingdom, p. 74, 1792. Sierra Leone.

Simia tetradactyla Link, Beyträge Naturgesch., p. 62, 1795. Based on Buffon.

Simia polycomos Schreber, Säugthiere, pl. 10 D, ?1800 (see Sherborn, Proc. Zool. Soc. London, for 1891, p. 590, Apl. 1892). Sierra Leone and Guinea.

Simia comosa Shaw, Gen. Zoology, Mamm., 1: pt. 1, p. 59, 1800. Based on Pennant, hence Sierra Leone.

Col[obus] ursinus Ogilby, Proc. Zool. Soc. London, p. 98, 9 Oct. 1835. "Algoa Bay."

Range: Forests from French Guinea, through Sierra Leone and Liberia to western part of Ivory Coast.

COLOBUS POLYKOMOS DOLLMANI Schwarz

Colobus polykomos dollmani Schwarz, Ann. Mag. Nat. Hist. (9) 19: 155, Jan. 1927. Bandama, Bandama River, Ivory Coast.

COLOBUS POLYKOMOS VELLEROSUS (I. Geoffroy)

Semnopithecus vellerosus I. Geoffroy, in Bélanger's Voy. aux Indes-Orientales, Zool., p. 37, 1834. No locality — "Afrique."

Semnopithecus bicolor Wesmael, Bull. Acad. Roy. Sci. et Belles-lettres Belg., Bruxelles, 2: 236, 1835. "Côtes d'Afrique."

Colobus leucomeros Ogilby, Proc. Zool. Soc. London, for 1837, p. 69, 22 Jan. 1838. "Africa;" Gambia River.

Range: Forests of Gold Coast and Togo.

satanas section

COLOBUS POLYKOMOS SATANAS Waterhouse. Black Colobus

Colobus satanas Waterhouse, Proc. Zool. Soc. London, p. 58, July 1838. Island of Fernando Po, West Africa.

Semnopithecus anthracinus Leconte, Proc. Acad. Nat. Sci., Philadelphia, p. 10, 1857. Gaboon.

Stachycolobus municus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 155, 16 July 1917. Wurminsog, south of Rio Muni, and west of Noya, French Congo.

Stachycolobus limbarenicus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 156, 16 July 1917. Limbareni, Ogowe River, Gaboon.

Stachycolobus zenkeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 157, 16 July 1917. Bipindi, Lokundje River, southern Cameroons.

Range: Island of Fernando Po, and adjacent coasts of Gaboon and southern Cameroons.

abyssinicus section

COLOBUS POLYKOMOS ABYSSINICUS (Oken)

Lemur abyssinicus Oken, Lehrb. d. Naturgesch., pt. 3: sect. 2, p. 1182, 1816. Abyssinia.

Colobus guereza Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, 1: Säugeth., p. 1, pl. 1, 1835. Province of Godjam, central Abyssinia.

Guereza rüppellii Gray, Cat. Monkeys, Lemurs, and Fruit-eating Bats Brit. Mus., p. 19, 1870. New name for *Colobus guereza* Rüppell.

Colobus abyssinicus poliurus Thomas, Proc. Zool. Soc. London, for 1900, p. 800, 1 Apl. 1901. Omo River, southern Abyssinia.

Colobus (Guereza) poliurus managaschæ Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 54, Dec. 1913. Managasha forest, west of Addis Ababa, upper Hawash, Abyssinia.

Range: Mountain forests of Abyssinia, west of the Hawash River.

COLOBUS POLYKOMOS CAUDATUS Thomas

Colobus guereza caudatus Thomas, Proc. Zool. Soc. London, p. 219, pl. 12, 1 Aug. 1885. Useri, northeast slope of Mt. Kilimanjaro, Tanganyika Territory, 3000 feet.

Colobus albocaudatus Lydekker, Proc. Zool. Soc. London, for 1905, 2: 328, 5 Apl. 1906. Substitute for *caudatus*.

COLOBUS POLYKOMOS DODINGÆ Matschie

Colobus (*Guereza*) *matschiei dodingæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 52, Dec. 1913. Southwestern Dodinga Mts., about 4° 10′ N., 33° 42′ E., southern Mongalla, Anglo-Egyptian Sudan.

COLOBUS POLYKOMOS GALLARUM Neumann

Colobus gallarum Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 49, 1902. Mountains near headwaters of Webi Shebeli: Gara Mulata near Harar and Djaffa Mts. in Arussi Land, Abyssinia.

Range: Mountain forests east of the Hawash River, Abyssinia.

COLOBUS POLYKOMOS KIKUYUENSIS Lönnberg

Colobus abyssinicus kikuyuensis Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 63, Jan. 1912. Escarpment Station, Kenya Colony.

Colobus (*Guereza*) *caudatus thikæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 56, Dec. 1913. West slope of Mt. Kenya, Kenya Colony.

Colobus (*Guereza*) *caudatus laticeps* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 57, Dec. 1913. West slope of Mt. Kenya, Kenya Colony.

Range: Mt. Kenya and uplands of Kenya Colony east of Rift Valley.

COLOBUS POLYKOMOS MATSCHIEI Neumann

Colobus matschiei Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 15, 1899. Kwa Kitoto, near Kisumu, Kavirondo, Kenya Colony.

Colobus abyssinicus roosevelti Heller, Smithsonian Misc. Coll., 61: no. 17, p.5, 21 Oct. 1913. Mau forest, near Njoro, Kenya Colony.

Colobus abyssinicus elgonis Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 5, pl. 1, 1925. East slope of Mt. Elgon, Kenya Colony.

Range: Mountain forest west of Rift Valley, from Elgeyo Escarpment and Mau forest throughout the Nandi and Elgon region to the small forest near Kisumu, Lake Victoria, Kenya Colony.

COLOBUS POLYKOMOS OCCIDENTALIS (Rochebrune)

Guereza occidentalis Rochebrune, Faune de Sénégambie, Suppl., Vertébrés, p. 140, pl. 13, 1886–87. Noki, upper Congo.

Colobus (*Guereza*) *escherichi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, July 1914. Gombe, below Ikelemba, Sanga River, French Congo.

Range: From Ubangi and upper Shari district to western slope of Cameroons plateau.

COLOBUS POLYKOMOS PERCIVALI Heller

Colobus abyssinicus percivali Heller, Smithsonian Misc. Coll., 61: no. 17, p. 6, 21 Oct. 1913. Mt. Gargues, Mathews Range, Kenya Colony.

COLOBUS POLYKOMOS UELLENSIS Matschie

Colobus (*Guereza*) *matschiei uellensis* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 47, Dec. 1913. Uele River, Congo Belge.

Colobus (*Guereza*) *matschiei ituricus* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 48, Dec. 1913. Ituri, Congo Belge.

Colobus (*Guereza*) *matschiei dianæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 49, Dec. 1913. Kissenge, northeast shore of Lake Albert Edward, Congo Belge.

Colobus (*Guereza*) *matschiei brachychaites* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 53, 1913. Modi, between Kaya and Dufilé, Lado.

Colobus abyssinicus terrestris Heller, Smithsonian Misc. Coll., 61: no. 17, p. 7, 21 Oct. 1913. Rhino Camp, Lado Enclave.

Colobus occidentalis ituricus Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 508, 1914. Mawambi, Ituri River, Congo Belge.

Colobus occidentalis rutschuricus Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 508, 1914. Sassa River, southeast of Lake Albert Edward, Congo Belge.

Range: Congo forest, north of the Congo, from Lado Enclave and Lake Victoria west probably to the great bend of the Ubangi, Congo Belge.

angolensis section

COLOBUS POLYKOMOS ADOLFI-FRIEDERICI Matschie

Colobus adolfi-friederici Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. Rugege forest, northeast of Lake Kivu, Ruanda, Congo Belge.

Range: Mountain ranges east of Lake Kivu and northern end of Lake Tanganyika.

COLOBUS POLYKOMOS ANGOLENSIS P. L. Sclater

Colobus angolensis P. L. Sclater, Proc. Zool. Soc. London, p. 245, May–Aug. 1860. Inland from Bembe, northern Angola.

Colobus angolensis sandbergi Lönnberg, Arkiv f. Zool., 4: no. 15, p. 1, 2 text-f., 28 Apl. 1908. Lufizi River, near junction with upper Zambesi River, Angola.

Colobus (*Colobus*) *palliatus weynsi* Matschie, Revue Zool. Africaine, 2: 207, 15 Feb. 1913. Lower Congo.

Colobus maniemæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 336, July 1914. Between Pienimulamba and Kibombo, between Stanleyville and Kassongo, middle Luala, Congo Belge.

Colobus benamakimæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. Bena Makima, Sankuru River, Congo Belge.

Range: Forest area south of the Congo.

Colobus polykomos cottoni Lydekker

Colobus palliatus cottoni Lydekker, Ann. Mag. Nat. Hist. (7) 16: 432, Oct. 1905. Zokwa (misprinted Qugo), between Mahagi, Lake Albert, and Irumu, Ituri River, Congo Belge.

Colobus (*Colobus*) *palliatus mawambicus* Matschie, Revue Zool. Africaine, 2: 205, 15 Feb. 1913. Northern Pemba, between Irumu and Mawambi, Ituri, Congo Belge.

Colobus mawambicus nahani Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, July 1914. Panga, on the Aruwimi, Congo Belge.

Range: Eastern Congo basin, in the Uele, Ituri and Aruwimi districts.

Colobus polykomos palliatus Peters

Colobus palliatus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 637, 1868. East Africa, opposite Zanzibar, i.e. Pangani River, Tanganyika Territory.

Range: Coast ranges of northern Tanganyika Territory and southern Kenya Colony.

Colobus polykomos ruwenzorii Thomas

Colobus ruwenzorii Thomas, Proc. Zool. Soc. London, 2: 85, 1 Oct. 1901. Buamba country, northwest flank of Mt. Ruwenzori, Congo Belge.

Colobus polykomos sharpei Thomas

Colobus sharpei Thomas, Proc. Zool. Soc. London, 1: 118, June 1, 1902. Fort Hill, Nyasa-Tanganyika plateau, Nyasaland.

Colobus langheldi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, July 1914. No exact locality; skin brought from Ujiji, Tanganyika Territory.

badius section

(Pocock, Proc. Zool. Soc. London, for 1935, p. 939, 10 Jan. 1936, provisionally assigns the red colobus monkeys to a separate genus, *Procolobus*.)

Colobus badius badius (Kerr). Red Colobus

Simia (*Cercopithecus*) *badius* Kerr, Linnæus's Animal Kingdom, p. 74, 1792. Based on the Bay Monkey of Pennant; Sierra Leone.

Simia ferruginea Shaw, General Zool., Mamm., 1: pt. 1, p. 59, 1800. Based on the Bay Monkey of Pennant; Sierra Leone.

Colobus ferruginosus E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 92, 1812. New name for *Simia ferruginea* Shaw. "La Guinée."

Colobus rufoniger Ogilby, Library of Entertaining Knowledge, The Menageries, Nat. Hist. of Monkeys, Opossums and Lemurs, 1: 273, 1838. Sierra Leone.

Range: Sierra Leone and Liberia.

COLOBUS BADIUS PENNANTII Waterhouse

Colobus pennantii Waterhouse, Proc. Zool. Soc. London, p. 57, July 1838. Island of Fernando Po, West Africa.

Range: Confined to Fernando Po.

COLOBUS BADIUS PREUSSI (Matschie)

Piliocolobus preussi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1900. Barombi, Elephant Lake, northern Cameroons.

COLOBUS BADIUS TEMMINCKII (Kuhl)

Colobus temminkii (sic) Kuhl, Beiträge Zool., p. 7, 1820. No locality.

Colobus fuliginosus Ogilby, Proc. Zool. Soc. London, p. 97, 9 Oct. 1835. Gambia.

Colobus rufo-fuliginus Ogilby, Library of Entertaining Knowledge, The Menageries, 1: 269, 270, f. 3, 1838. Substitute for *C. fuliginosus* Ogilby.

Cercopithecus temminckii Ogilby, Library of Entertaining Knowledge, The Menageries, 1: 345, 1838, "is obviously . . . but a misquotation (generally repeated) of *Colobus temminckii*, Kuhl = *Colobus badius temminckii*, Kuhl" (see Schwarz, E., Ann. Mag. Nat. Hist. (10) 1: 650, footnote, June 1928). "Coast of Guinea."

Range: Upper Senegal, and Gambia to French Guinea.

COLOBUS BADIUS VERUS Van Beneden

Colobus verus Van Beneden, Bull. Acad. Roy. Sci. et Belles-Lettres Belgique, Bruxelles, 5: 347, pl., 1838. "Afrique."

Semnopithecus (Colobus) olivaceus Wagner, Schreber's Säugthiere, Suppl., 1: 309, 1840. Substitute for *Colobus verus* Van Beneden.

Colobus?? chrysurus Gray, Ann. Mag. Nat. Hist. (3) 17: 77, Jan. 1866. West Africa (type a trade skin in British Museum; may be a synonym of *C. badius verus* Van Beneden).

Colobus cristatus Gray, Ann. Mag. Nat. Hist. (3) 17: 77, Jan. 1866; Proc. Zool. Soc. London, pl. 15, fig., 1868. West Africa.

Range: Gold Coast and Togo.

COLOBUS BADIUS WALDRONI Hayman

Colobus badius waldroni Hayman, Proc. Zool. Soc. London, for 1935, p. 915, pl. 1 (col.), 10 Jan. 1936. Goaso, Ashanti, Gold Coast.

tholloni section

COLOBUS BADIUS BOUVIERI (Rochebrune)

Piliocolobus bouvieri Rochebrune, Faune de la Sénégambie, Suppl., Vertébrés, pt. 1, p. 108, pl. 4, 1887. Gambia, whence came Bouvier's specimen, may be selected as type locality.

Colobus (*Piliocolobus*) *likualæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 346, July 1914. Sanga River, opposite mouth of Likuala River, French Congo.

COLOBUS BADIUS THOLLONI Milne-Edwards

Colobus tholloni Milne-Edwards in Rivière, Revue Scientifique, (3) 12 = 38: 15, 3 July 1886. Mission Brazza, Lower Congo.

Colobus (*Piliocolobus*) *lovizettii* Matschie, Revue Zool. Africaine, 2: 207, 15 Feb. 1913. Kutu, Lake Léopold II, Congo Belge.

rufomitratus section

COLOBUS BADIUS ELLIOTI Dollman

Colobus ellioti Dollman, Ann. Mag. Nat. Hist. (8) 4: 475, Nov. 1909. Ninety km. west of south end of Lake Albert Edward, probably near Oso River, Congo Belge.

Piliocolobus anzeliusi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, July 1914. Upper Ituri Province, Congo Belge.

Piliocolobus ellioti melanochir Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, July 1914. Between Beni and Irumu, Upper Ituri River, Congo Belge.

Colobus variabilis Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 383, 1914. Ituri forest, Congo Belge.

Colobus multicolor Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 385, 1914. Mawambi, Ituri district, Congo Belge.

Range: Rainforest in region of the Lindi, Semliki, and Ituri-Aruwimi Rivers, south to the Lowa, Congo Belge.

COLOBUS BADIUS FOAI Pousargues

Colobus foai Pousargues, Bull. Mus. d'Hist. Nat., Paris, 5: 278, 1899. Ouroua country, between southwest of Lake Tanganyika and upper Congo, Congo Belge.

Piliocolobus kabambarei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, July 1914. Near Kabambare, between Baraka and Kasongo, Lualaba River, west of Lake Tanganyika, Congo Belge.

Piliocolobus lulindicus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, July 1914. Lulindi River, near Kasongo, Congo Belge.

Range: Forest between northern Tanganyika and the Congo.

COLOBUS BADIUS GRAUERI Dollman

Colobus graueri Dollman, Ann. Mag. Nat. Hist. (8) 4: 474, Nov. 1909. Wabembeland, 80 kilom. west of the north end of Lake Tanganyika, Congo Belge.

Range: Mountain forest northwest of Lake Tanganyika.

COLOBUS BADIUS GORDONORUM (Matschie)

Piliocolobus gordonorum Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 186, 1900. Uzungwe Mts., Uhehe, Tanganyika Territory.

COLOBUS BADIUS GUDOVIUSI (Matschie)

Tropicolobus gudoviusi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340, July 1914. Between Ussuwi and Ihangiro, west of Lake Victoria, Tanganyika Territory.

COLOBUS BADIUS LANGI J. A. Allen

Colobus langi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 443, pl. 102–103, 6 Feb. 1925. Risimu, between Stanleyville and Bafwaboli, Congo Belge.

COLOBUS BADIUS NIGRIMANUS Trouessart

Colobus nigrimanus Trouessart, Bull. Mus. d'Hist. Nat., Paris, 12: 444, 1906. Liranga, left bank of Congo, French Equatorial Africa.

COLOBUS BADIUS OUSTALETI Trouessart

Colobus oustaleti Trouessart, Bull. Mus. d'Hist. Nat., Paris, 12: 443, 1906. Youmba country, Ubangi basin, Congo Belge.

Colobus (*Tropicolobus*) *umbrinus* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 343, July 1914. Bungi, Sanga River, between Wesso and Ikelemba, Congo Belge.

COLOBUS BADIUS POWELLI Matschie

Colobus (*Piliocolobus*) *powelli* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 61, Dec. 1913. Zokwa, between Mahagi and Irumu, west of Lake Albert, upper Ituri, Congo Belge, 5350 feet.

Colobus (*Tropicolobus*) *schubotzi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 345, July 1914. Near Koloka, between the Likati and Bima Rivers, Congo Belge.

Colobus (*Piliocolobus*) *brunneus* Lönnberg, Revue Zool. Africaine, 7: 112, 1 Oct. 1919. Sili, district of Upper Uele, Congo Belge.

Range: Gallery forest in region of Lake Albert, the Uele, Kibali, Rubi, Likati Rivers, Congo Belge.

COLOBUS BADIUS RUFOMITRATUS Peters

Colobus rufomitratus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 829, pls. 1A, 2, 1879. Muniuni, Tana River, Kenya Colony.

Range: Confined to the gallery forests of the lower Tana River.

COLOBUS BADIUS TEPHROSCELES Elliot

Colobus tephrosceles Elliot, Ann. Mag. Nat. Hist. (7) 20: 195, Sep. 1907. Ruahara River, Toro, east side of Mt. Ruwenzori, Uganda, 4000 feet.

kirkii section

COLOBUS BADIUS KIRKII Gray

Colobus kirkii Gray, Proc. Zool. Soc. London, p. 180, pl. 15, May 1868. Zanzibar Island.

Family PONGIDÆ. Great Apes

PAN Oken. Chimpanzees

Simia of various authors, in part, not of Linnæus, 1758, of which the type is *Simia sylvanus*. On the suppression of *Simia* from zoological nomenclature see Opinion 114, International Commission on Zool. Nomenclature (Smithsonian Misc. Coll., 73: no. 6, p. 25, 8 June 1929).

Troglodytes E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 87, 1812. Genotype *Troglodytes niger* E. Geoffroy = *Simia satyrus* Linnæus. Preoccupied by *Troglodytes* Vieillot, 1806, in birds.

P[*an*] Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, pp. xi, 1230, 1816. Genotype *Pan africanus* Oken = *Simia satyrus* Linnæus.

Mimetes Leach, Thomson's Ann. Philos., 16: 104, Aug. 1820. Genotype *Simia satyrus* Linnæus; preoccupied by *Mimetes* Hübner, 1816, in insects.

Theranthropus Brookes, Cat. Anat. and Zool. Mus. of Joshua Brookes, London, p. 28, 1828 (previous to July 14). Genotype *Theranthropus niger* = *Troglodytes niger* E. Geoffroy.

Anthropopithecus Blainville, Ann. Franç. et Étrang. d'Anat. et Physiol., Paris, 2: 360, 1838. Genotype *Anthropopithecus troglodytes* = *Simia troglodytes* Gmelin.

Hylanthropus Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxvii, 34, 1841. Genotype *Hylanthropus troglodytes* = *Simia troglodytes* Gmelin.

Satyrus Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 281, 1856. Genotype not specified; included Orang, Gorilla, and Chimpanzee. Not *Satyrus* Linnæus, 1760, nor of Oken, 1816.

Pseudanthropos Reichenbach, Fortsetzung Vollständ. Naturgesch. d. Affen, 1860 (see Palmer, T. S., No. Amer. Fauna, no. 23, p. 589, 1904). New name to replace *Troglodytes* E. Geoffroy, 1812, preoccupied.

Pongo Haeckel, Gen. Morphol. d. Organismen, 2: cl, footnote, 1866. New name for *Troglodytes* E. Geoffroy, preoccupied; not *Pongo* Lacépède, 1799.

Engeco Haeckel, Gen. Morphol. d. Organismen, 2: cl and footnote, clx, 1866. Genotype *Simia troglodytes* Gmelin.

Andropithecus Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 286, Oct. 1868. Nomen nudum for the Chimpanzee and the Gorilla.

Anthropithecus Haeckel, Syst. Phylogenie d. Wirbelthiere, 3: 600, 1895. Emendation of *Anthropopithecus*.

Fsihego De Pauw, Notes sur la Solidification et le Montage des grands Mammifères (Belgium), p. 13, 1905. Based on Chimpanzee of the Ituri; genotype by monotypy *Fsihego ituriensis* Matschie.

Pseudanthropus Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 1: xxxvii, 1912=15 June 1913, emendation.

Chimpanza Haime.

Review: Schwarz, Ernst. On the local races of the Chimpanzee. Ann. Mag. Nat. Hist. (10) 13: 576–583, June 1934. See also, for critical notes, Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 477–497, pl. 152–165, 166, f. 2, 6 Feb. 1925.

PAN TROGLODYTES TROGLODYTES (Blumenbach) Chimpanzee

Simia satyrus Linnæus, Syst. Nat., ed. 10, 1: 25, 1758. Africa; locality restricted to Mayumba, French Congo, by Schwarz (Ann. Mag. Nat. Hist. (10) 13: 580, June 1934), who adds, "The original specimen described by Tulpius upon which *Simia satyrus* was founded is said to have come from the coast of Angola; there is, however, no proof that it really came from there." Suppressed, see Smithsonian Misc. Coll., 73: no. 6, 8 June 1929.

Simia troglodytes Blumenbach, Handb. d. Naturgesch., p. 65, 1799. Not *Homo troglodytes* Linnæus (Syst. Nat., ed. 10, 1: 24, 1758), which was based upon an account of an abnormally hairy woman and albino negroes (see Thomas, O., Proc. Zool. Soc. London, p. 125, Mar. 1911). "Angola."

Simia satyrus pongo Kerr, Linnæus's Animal Kingdom, p. 56, 1792. "Java and interior parts of Guinea."

Simia satyrus jocko Kerr, Linnæus's Animal Kingdom, p. 56, 1792. No locality.

Troglodytes niger E. Geoffroy, Ann. Mus. d'Hist. Nat. Paris, 19: 87, 1812. Coast of Angola (but probably this is erroneous).

Pan africanus Oken, Lehrb. d. Naturgesch., pt. 3, zool., sect. 2, p. 1231, 1816. "Congo, Angola, Guinea, Sierra Leona."

Troglodytes leucoprymnus Lesson, Illustr. Zool., pl. 32, 1831. Coast of "Guinée."

Anthropopithecus pan Lesson, Spec. Mamm. Bimanes et Quadrumanes, p. ?, 1840.

Troglodytes tschego Duvernoy, Arch. Mus. d'Hist. Nat., Paris, 8: 1, pl. 1, 1855; the name appears as legend to pl. 1 and in title. West coast of Africa.

Satyrus lagaros Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. No locality.

Satyrus chimpanse Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. No locality.

Troglodytes calvus Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 296, July 1860. Interior of Gaboon, south of Cape Lopez.

Troglodytes kooloo-kamba Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 358, Nov. 1860. Ashankolo Mts., upper Ovenga River, French Congo.

Troglodytes vellerosus Gray, Proc. Zool. Soc. London, p. 181, Sep. 1862. Cameroon Mountains, northern Cameroons.

Troglodytes aubryi Gratiolet and Alix, Nouv. Arch. Mus. d'Hist. Nat. Paris, (1) 2: 1–258, pl. 1–9, 1866. Probably Gaboon.

Pseudanthropus fuliginosus Schaufuss, Nunquam Otiosus, Zool. Mittheil., p. 345, 1870. French Congo, exact locality doubtful.

Troglodytes angustimanus Brehm, 1871 (not seen).

Anthropopithecus fuscus A. B. Meyer, Abhandl. u. Ber. K. Zool. Anthrop.-Ethnogr. Mus., Dresden, 5: no. 14, p. 7, footnote, pl., 12 Sep. 1895. No locality; provisional name.

Troglodytes livingstonii Selenka, Studien über Entwicklungsgesch. d. Tiere, pt. 7, art. 2, p. 104, 1899; nomen nudum.

Simia pygmæus raripilosus W. Rothschild, Proc. Zool. Soc. London, for 1904, 2: 422, 430, text-f. 111, 18 Apl. 1905. Interior of French Congo, no exact locality.

A[nthropopithecus] ellioti Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 327, July 1914. Near Bascho, northern Cameroons.

Anthropopithecus oertzeni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 327, July 1914. Near Bascho, northern Cameroons.

Anthropopithecus reuteri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 328, July 1914. Mouth of Dume River, in the Kadei, southern Cameroons.

Anthropopithecus ochroleucus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 329, July 1914. North of Sangmelima, upper Lobo River, southern Cameroons.

Anthropopithecus schneideri Matschie, Zeitschr. f. Ethnol., 51: 75, text-f. 4–5, 1919. Fernan Vaz district, French Congo. Probably the hinterland south of Eliva Nkomi.

Anthropopithecus pusillus Matschie, Zeitschr. f. Ethnol., 51: 76, 1919. Probably lower Ogowe, between Cape Lopez and Lake Anengue, Gaboon.

Anthropopithecus papio Matschie, Zeitschr. f. Ethnol., 51: 80, text-f. 7, 1919. Barombi, Elephant Lake, Cameroons.

Anthropopithecus maior and *minor* Stiles, Bull. Hygien. Lab., U. S. Dept. Publ. Health, no. 115, p. 53, 1927.

According to Schwarz, E., (Ann. Mag. Nat. Hist. (10) 13: 580, footnote, June 1934) these names "must stand to the credit of Stiles" since "Erxleben never used them in a technical sense, but only as mere descriptions."

Anthropopithecus hecki Koch, Zool. Garten, (2) 5: 100, 105, text-f. 1, Aug. 1932. Hinterland of Cameroons.

PAN TROGLODYTES SCHWEINFURTHII (Giglioli). Long-haired Chimpanzee

Troglodytes schweinfurthii Giglioli, Ann. Mus. Civ. Stor. Nat., Genova, 3: 114, footnote, 135, 1872. Upper Uele drainage, Niam-niam country, northeastern Congo Belge.

Troglodytes niger var. *marungensis* Noack, Zool. Jahrb., Syst., 2: 291, pl. 10, f. 38–41, 7 May 1887. Marungu, west of Lake Tanganyika, Tanganyika Territory.

Fsihego ituriensis De Pauw, Notes sur la Solidification et le Montage des grands Mammifères, St. Nicolas, Belgium, p. 13, pl. 1, 1905. Ituri and central Congo Belge.

Simia (*Anthropopithecus*) *nahani* Matschie, Revue Zool. Africaine, 2: 118, 31 Sep. 1912. Banalia, Aruwimi River, Congo Belge.

Simia (*Anthropopithecus*) *ituricus* Matschie, Revue Zool. Africaine, 2: 121, 31 Sep. 1912. Makala-Avakubi road, Ituri basin, Congo Belge.

Simia (*Anthropithecus*) (sic) *cottoni* Matschie, Revue Zool. Africaine, 2: 124, 31 Sep. 1912. Sassa (Ishasha) River, southeast of Lake Albert Edward, western border of Uganda.

Simia (*Anthropopithecus*) *adolfi-friederici* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 46, Dec. 1913. Bugoie forest, northeast of Lake Kivu, western border of Tanganyika Territory.

Simia (*Anthropopithecus*) *kooloo-kamba yambuyæ* Matschie, Ann. Soc. Roy. Zool. et Malacol. Belgique, Bruxelles, for 1912, 47: 46, Dec. 1913. Yambuya, lower Aruwimi, Congo Belge.

Anthropopithecus purschei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 332, July 1914. Tschingogo forest, between Lakes Kivu and Luhondo, western border of Tanganyika Territory.

Anthropopithecus pfeifferi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, July 1914. East of Russissi on border of Urundi, near sources of the Akanjaru, western border of Tanganyika Territory.

Anthropopithecus graueri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, July 1914. West shore of Lake Tanganyika, 80 km. northwest of Boko, Wabembe country, Congo Belge.

Anthropopithecus calvescens Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 334, July 1914. Baraka-Kasongo road, between Niembo and Kabambare, on the Luama River, west of Lake Tanganyika, Congo Belge.

Anthropopithecus castanomale Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 334, July 1914. Northeast shore of Lake Tanganyika, border of Urundi, Tanganyika Territory.

Anthropopithecus schubotzi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, July 1914. Between Kilo and Irumu, upper Ituri River, west of Lake Albert Edward, Congo Belge.

Anthropopithecus steindachneri Lorenz, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 51: 550, Dec. 1914. Ituri forest near Moera, north of Beni, Congo Belge.

Range: Forested parts of central Africa, north and east of the Congo, from Ubangi River to Lake Albert and Lake Victoria.

PAN TROGLODYTES VERUS Schwarz. Western Chimpanzee

Pan satyrus verus Schwarz, Ann. Mag. Nat. Hist. (10) 13: 578, June 1934. Sanda Magbolonto chiefdom, Karima district, Sierra Leone.

Simia schimpanse Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 67, 1904; not *Satyrus chimpanse* Mayer, 1856. No locality.

Pan paniscus Schwarz. Lesser Chimpanzee

Pan satyrus paniscus Schwarz, Revue Zool. Africaine, 16: 425, 1 Apl. 1929. South of the upper Maringa River, 30 km. south of Befalé, south bank of the Congo, Congo Belge.

Pan paniscus Coolidge, Amer. Journ. Phys. Anthropol., 18: 1–57, Sep. 1933. Schwarz (Ann. Mag. Nat. Hist. (10) 13: 582, June 1934) disagrees with the view that this is a species distinct from *Pan satyrus* (Linnæus).

Gorilla I. Geoffroy. Gorillas

Gorilla I. Geoffroy, Comptes Rend. Acad. Sci. Paris, 34: 84, 1852; 36: 933, 1853. Genotype *Troglodytes gorilla* Savage and Wyman.

Pseudogorilla Elliot, Review of the Primates, Monographs Amer. Mus. Nat. Hist., 3: 224, pl. 33, 1912 (=15 June 1913). Genotype *Gorilla mayema* Alix and Bouvier = *Gorilla gorilla* (Savage and Wyman).

Review: Coolidge, H. J., Jr. A revision of the genus *Gorilla*. Mem. Mus. Comp. Zool., 50: 281–381, pl. 1–21, maps 1, 2, Aug. 1929.

Gorilla gorilla gorilla (Savage and Wyman). Coast Gorilla

Troglodytes gorilla Savage and Wyman, Boston Journ. Nat. Hist., 5: 417, 4 pls., Dec. 1847; Wyman, Proc. Boston Soc. Nat. Hist., 2: 245, Aug. 1847. Mpongwe, Gaboon River.

Troglodytes savagei Owen, Proc. Zool. Soc. London, p. 27, 2 text-f., 1 Aug. 1848. Mpongwe, Gaboon River.

Gorilla gina I. Geoffroy, Arch. Mus. d'Hist. Nat., Paris, 8: 1, pl. 2–4, 1855. West coast of Africa.

Satyrus adrotes Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 282, 1856. Substitute name for *Troglodytes gorilla* Savage and Wyman.

Sat[yrus] africanus Mayer, Arch. f. Naturgesch., 22: sect. 1, p. 281, 1856. Substitute name for *Troglodytes gorilla* Savage and Wyman.

Gorilla castaneiceps Slack, Proc. Acad. Nat. Sci. Philadelphia, p. 159, May 1862. [Gaboon?].

Pithecus gesilla Blainville, Ostéographie, pl. 2, 5 bis, 1839–64. Misprint for *gorilla*, corrected in explan. of pls.

Gorilla mayéma Alix and Bouvier, Bull. Soc. Zool. de France, 2: 488, 1877. Banks of the Quilo, near village of King Mayéma, 4° 35′ S., Congo.

Gorilla diehli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 52, 1904. Region of the Mun-Aya, which flows into the Cross River, near Dakbe, Menome River, 6° 6′ N., 9° 20′ E., near Cameroons boundary.

Gorilla gorilla matschiei W. Rothschild, Proc. Zool. Soc. London, for 1904, 2: 415, text-f. 101, 102, 18 Apl. 1905. Southern Cameroons.

Gorilla jacobi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 283, 1905. Lobo-mouth Station, near junction of the Ja River and the Njong, Cameroons.

Gorilla gorilla schwarzi Matschie in Fritze, Jahrb. d. Provinzial-Mus., Hannover, p. 113, pl. 8, 1912; for description see Auerbach, Verh. d. Naturw. Ver. Karlsruhe, 25: Abhandl., p. 5, pl. 1, f. 2; pl. 2, f. 3, 1913. Near Sogema farm, Ja River, southern Cameroons.

Gorilla hansmeyeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 325, July 1914. Assobam road, between Mensima and Bimba, west of Mokbe, south of Dumé River, southern Cameroons.

Gorilla zenkeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 325, July 1914. Mbiawe on the Lokundje, six hours upstream from Bipindi, Cameroons.

Gorilla gorilla halli W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 271, Feb. 1927. Punta Mbouda, Spanish Guinea.

Range: Southeastern Nigeria (Ikom) eastward to the Sanga River to near Mayombe, at about 5° S., 13° E., thus wholly to the north and northwest of the Congo River.

GORILLA GORILLA BERINGEI Matschie. Mountain Gorilla

Gorilla beringeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 257, 1903; p. 51, 1904. Kirunga, Ya Sabinyo Volcano, Tanganyika Territory. Named for Capt. von Beringe; the spelling of the specific name is an obvious misprint.

Gorilla beringei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 279, 1905.

Gorilla graueri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 324, July 1914. West shore of Lake Tanganyika, 80 km. northwest of Boko, Congo Belge.

Gorilla beringei mikenensis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 7, pl. 1–4, 1 Sep. 1917. Mt. Mikeno, Virunga (or Birunga) Volcanoes, Congo Belge.

Gorilla gorilla rex-pygmæorum Schwarz, Revue Zool. Africaine, 14: 333, pl. 11–13, 1 Feb. 1927. Luofu, west of Lake Albert Edward, Congo Belge.

G[orilla] uellensis Schouteden, in Schwarz, Revue Zool. Africaine, 14: 335, footnote, 1 Feb. 1927. Bondo region, Uele district, Congo Belge. In his note Schouteden attributes the name to Matschie, who apparently never published it.

Range: Mountain forests of eastern Congo Belge, from Mulu, 0° 10′ S., to Baraka on Lake Tanganyika, 4° 19′ S. in a narrow strip, nearly limited eastward by Kigezi, Uganda, and on the west by Walikale, Congo Belge.

Schultz, A. H. (On some distinguishing characters of the Mountain Gorilla, Journ. Mammalogy, 15: 51–61, Feb. 1934), has pointed out various characters of this gorilla, and regards it as sufficiently different to be treated as a species distinct from *G. gorilla gorilla*, of which it is nevertheless the representative form in the eastern part of the forest area.

Family HOMINIDÆ. Human Race

Homo Linnæus. Man

Homo Linnæus, Syst. Nat., ed. 10, 1: 20, 1758. Genotype *Homo sapiens* Linnæus.

Homo sapiens sapiens Linnæus. White Man

Homo sapiens Linnæus, Syst. Nat., ed. 10, 1: 20, 1758. No locality; five adjectival names are given for as many varieties, of which *europæus* may be taken to denote the Nordic race. Type locality taken as Sweden.

Homo ————. Congo Pygmy

Congo Pygmy of Congo forests and its desert race, the Bushman, of Southwest Africa form a basic species.

The Bantu and other Negro races of eastern and South Africa probably represent hybrid types between the Pygmy of the forest and Asiatic races.

Order CARNIVORA

Family URSIDÆ. Bears

Ursus Linnæus

Ursus Linnæus, Syst. Nat., ed. 10, 1: 47, 1758. Genotype *Ursus arctos* Linnæus.

Ursus arctos crowtheri Schinz. Crowther's Bear

Ursus crowtheri Schinz, Syst. Verzeichniss Säugeth., 1: 302, 1844. Atlas Mountains near Tetuan, Spanish Morocco.

On the status of this supposed bear see: Lataste, F., Actes Soc. Linn. Bordeaux (4) 9: 235, 1885; Blyth, E., Proc. Zool. Soc. London, for 1841, p. 65, 1842; Lydekker, R., Proc. Zool. Soc. London, p. 425, Aug. 1897; G. Busk, Trans. Zool. Soc. London, 10: 73, 1877.

Family MUSTELIDÆ. Weasels, etc.

Subfamily MUSTELINÆ

Ictonyx Kaup. African Polecats

Zorilla Oken, Lehrbuch d. Naturgesch., sect. 3, zool., pt. 2, p. xi, 1816. Genotype *Viverra zorilla*. (This name is improperly diagnosed and hence unavailable; see A. H. Howell, The generic name Zorilla, Proc. Biol. Soc. Washington, 19: 46, 26 Feb. 1906.)

Ictonyx Kaup, Das Thierreich, 1: 352, 1835. Genotype *Ictonyx capensis* Kaup = *Viverra zorilla* Erxleben.

Rhabdogale Müller, Arch. f. Naturgesch. for 1838, 1: 278, footnote, 1838. No genotype named, but includes the zorillas of Africa.

Ictidonyx Agassiz, Nomenclator Zool., Index Univ., p. 194, 1846 (emendation).

Ictomys Roberts, Ann. Transvaal Mus., 18: 228, 21 Feb. 1936. Misprint for *Ictonyx*, with *I. striatus maximus* Roberts.

ICTONYX KALAHARICUS KALAHARICUS Roberts

Ictonyx kalaharicus Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Kuke Pan, Central Kalahari, Bechuanaland, South Africa.

ICTONYX KALAHARICUS GIGANTEUS Roberts

Ictonyx kalaharicus giganteus Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Shorobe, 25 miles north of Maun, Ngamiland, Bechuanaland, South Africa.

ICTONYX KALAHARICUS NIGRICAUDUS Roberts

Ictonyx kalaharicus nigricaudus Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Gemsbok Pan, Bechuanaland, South Africa.

ICTONYX ORANGIÆ ORANGIÆ Roberts

Ictonyx orangiæ Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Angra Pequina, south of Bothaville, Orange Free State.

ICTONYX ORANGIÆ ARENARIUS Roberts

Ictonyx orangiæ arenarius Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Lambert's Bay, Cape Colony.

ICTONYX ORANGIÆ GHANSIENSIS Roberts

Ictonyx orangiæ ghansiensis Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Gemsbok Pan, Bechuanaland, South Africa.

ICTONYX ORANGIÆ PRETORIÆ Roberts

Ictonyx orangiæ pretoriæ Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Bœkenhoutfontein, Pretoria district, Transvaal.

ICTONYX STRIATUS STRIATUS (Perry)

Bradypus striatus Geo. Perry, Arcana or the Museum of Natural History, pt. 11, pl. (41) and text, 1810. Cape of Good Hope. (Not *Viverra striata* Shaw, which is a *Spilogale*, see Hollister, Proc. Biol. Soc. Washington, 28: 184, 29 Nov. 1915.)

Mephitis capensis A. Smith, Descriptive Cat. South Afr. Mus., p. 20, 1826. Cape of Good Hope.

Mustela zorilla α *capensis* J. B. Fischer, Synopsis Mamm., p. 218, 1829. Cape of Good Hope.

M[ephitis] africana Lichtenstein, Abhandl. K. Akad. Wiss., Berlin, p. 284, pl. 1, f. 3, 1836. "Per Africam totam," Cape of Good Hope, Senegambia, Abyssinia, Barbary.

Rhabdogale mustelina Wagner, Schreber's Säugthiere, Suppl., 2: 219, pl. 133A, 1841. Cape of Good Hope.

Zorilla varicgata Lesson, Nouv. Tabl. Règne Anim., Mammif., p. 7, Nov. 1842. Cape of Good Hope, Senegal, Abyssinia.

Zorilla zorilla Trouessart, Cat. Mamm. Viv. Foss., pt. 2, p. 258, 1897. South Africa, etc.

Ictonyx striatus albescens Heller

Ictonyx capensis albescens Heller, Smithsonian Misc. Coll., 61: no. 13, p. 13, 16 Sept. 1913. Mt. Lololokwi, northern Guaso Nyiro district, Kenya Colony.

Ictonyx striatus elgonis Granvik

Ictonyx striatus elgonis Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 13, 1924. Mt. Elgon region, Kenya Colony.

Ictonyx striatus erythreæ De Winton

Ictonyx erythræa (sic) De Winton, Ann. Mag. Nat. Hist. (7) 1: 248, Mar. 1898. Suakin, Red Sea coast, Anglo-Egyptian Sudan.

Ictonyx erythreæ Anderson and De Winton, Zool. of Egypt, Mamm., p. 240, pl. 37, 1902 (correction of misprint).

Range: Eastern Sudan to southeastern Somaliland.

Ictonyx striatus intermedius Anderson and De Winton

Ictonyx senegalensis intermedia Anderson and De Winton, Zool. of Egypt, Mamm., p. 242, 1902. "Nile basin."

Ictonyx striatus lancasteri Roberts

Ictonyx striatus lancasteri Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Choma, Northern Rhodesia.

Ictonyx striatus limpopoensis Roberts

Ictonyx capensis limpopoensis Roberts, Ann. Transvaal Mus., 5: 265, 16 May 1917. Mooivlei, Rustenburg district, Transvaal.

Ictonyx striatus maximus Roberts

Ictonyx striatus maximus Roberts, Ann. Transvaal Mus., 10: 65, 31 Jan. 1924. Wakkerstroom, South Africa.

Ictonyx striatus obscuratus de Beaux

Ictonyx capensis obscurata de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 1, July 1924. Lugh, Italian Somaliland.

ICTONYX STRIATUS PONDOENSIS Roberts

Ictonyx striatus pondoensis Roberts, Ann. Transvaal Mus., 10: 66, 31 Jan. 1924. Port St. John's, South Africa.

ICTONYX STRIATUS SENEGALENSIS (J. B. Fischer)

Mustela zorilla β. senegalensis J. B. Fischer, Synopsis Mamm., p. 219, 1829. Senegal.

Zorilla striata var. *senegalensis* Gray, Proc. Zool. Soc. London, p. 151, June 1865. Senegal. See De Winton, W. E., Ann. Mag. Nat. Hist. (7) 1: 248, Mar. 1898.

ICTONYX STRIATUS SHOÆ Thomas

Ictonyx capensis shoæ Thomas, Ann. Mag. Nat. Hist. (7) 18: 301, Oct. 1906: Addis Ababa, Ethiopia, 8500 ft.

ICTONYX STRIATUS SHORTRIDGEI Roberts

Ictonyx striatus shortridgei Roberts, Ann. Transvaal Mus., 15: 8, 1 Oct. 1932. Maschi River, Caprivi border, Southwest Africa.

ICTONYX STRIATUS SUDANICUS Thomas and Hinton

Ictonyx striatus sudanicus Thomas and Hinton, Proc. Zool. Soc. London, p. 254, 6 July 1923. Foothills of Jebel Marra, Darfur, Anglo-Egyptian Sudan, 4000 ft.

MELLIVORA Storr. Ratels or Honey Badgers

Mellivora Storr, Prodromus Methodi Mamm., p. 34, tab. A, 1780. Genotype *Viverra ratel* Sparrman = *Viverra capensis* Schreber.

Ratelus Bennett, Gardens and Menagerie Zool. Soc., 1: Quad., 13, text-f., 1830. Genotype *Ratelus mellivorus* Bennett.

Ursitaxus Hodgson, Journ. Asiatic Soc. Bengal, (2) 4: 522, Sep. 1835. Genotype *Ursitaxus inauritus* Hodgson.

Melitoryx Gloger, Gemeinnütz. Hand- u. Hilfsbuch Naturg., 1: pp. xxix, 57, 1841. Genotype honey badger of South Africa and India.

Lipotus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 199, 1843. Genotype *Ursus mellivorus* Cuvier.

MELLIVORA CAPENSIS CAPENSIS (Schreber)

Viverra capensis Schreber, Säugthiere, 3: 451, 588, pl. 125, 1776. Cape of Good Hope. See Hollister, Proc. Biol. Soc. Washington, 25: 93, 1912.

Viverra ratel Sparrman, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 38: 147, 1777. Cape of Good Hope.

Ursus mellivorus G. Cuvier, Tabl. Élément. Hist. Nat. des Anim., p. 112, 1798. Cape of Good Hope.

Ratellus typicus A. Smith, So. African Quart. Journ., 2: 83, 1833. "South Africa."

MELLIVORA CAPENSIS ABYSSINICA Hollister

Mellivora abyssinica Hollister, Smithsonian Misc. Coll., 56: no. 13, p. 1, 10 Oct. 1910. Near Addis Ababa, Ethiopia; in later report corrected to Suksukki River, which connects Lake Zwai with Lake Horo Schala, 4500–5000 feet.

MELLIVORA CAPENSIS BROCKMANI Wroughton and Cheesman

Mellivora brockmani Wroughton and Cheesman, Ann. Mag. Nat. Hist. (9) 5: 197, Feb. 1920. Upper Sheikh, northern Somaliland.

MELLIVORA CAPENSIS BUCHANANI Thomas

Mellivora buchanani Thomas, Ann. Mag. Nat. Hist. (9) 16: 190, July 1925. Elmiki River, Asben (Aïr), Sahara, French West Africa.

MELLIVORA CAPENSIS CONCISA Thomas and Wroughton

Mellivora concisa Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 376, May 1907. Yo, Lake Chad.

MELLIVORA CAPENSIS COTTONI Lydekker

Mellivora cottoni Lydekker, Proc. Zool. Soc. London, 1: 112, pl. 7, 7 June 1906. Eastern fringe of the Ituri forest, near Mawambi, Congo Belge. Probably a melano.

MELLIVORA CAPENSIS LEUCONOTA P. L. Sclater

Mellivora leuconota P. L. Sclater, Proc. Zool. Soc. London, p. 98, pl. 8, May 1867. "West Africa."

Range: Southern Morocco south to French Congo.

MELLIVORA CAPENSIS MAXWELLI Thomas

Mellivora maxwelli Thomas, Ann. Mag. Nat. Hist. (9) 12: 340, Sep. 1923. Lorian Swamp, Kenya Colony.

MELLIVORA CAPENSIS SAGULATA Hollister

Mellivora sagulata Hollister, Smithsonian Misc. Coll., 56: no. 13, p. 2, 10 Oct. 1910. Mt. Kilimanjaro, Tanganyika Territory, 5000 feet.

For commentary on supposed size characters see Lönnberg, E., Der Honigdachs vom Kilimandscharo, Zool. Anzeiger, 37: 74–75, 31 Jan. 1911.

MELLIVORA CAPENSIS SIGNATA Pocock

Mellivora signata Pocock, Proc. Zool. Soc. London, p. 394, pl. 61, 23 Aug. 1909. About 100 miles inland from Sierra Leone.

MELLIVORA CAPENSIS VERNAYI Roberts

Mellivora capensis vernayi Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Kwai, Mababe Flats, northern Bechuanaland.

Mustela Linnæus. Weasels and Stoats

Mustela Linnæus, Syst. Nat., ed. 10, 1: 45, 1758. Genotype (nine species originally included) *Mustela erminea* Linnæus.

Arctogale Kaup, Entw.-Gesch. u. Naturl. Syst. Europ. Thierwelt, 1: 30, 1829. Genotype *Mustela erminea* Linnæus.

Gale Wagner, Schreber's Säugthiere, Suppl., 2: 234, 1841. As a subgenus of *Mustela*, to include *M. frenata* Lichtenstein, *M. erminea* Linnæus, *M. boccamela* Bechstein, *M. vulgaris* Erxleben.

Neogale Gray, Proc. Zool. Soc. London, p. 114, June 1865. As a subgenus, type not specified; included *Mustela brasiliensis* Sevastianoff, *M. aureoventris* Gray, *M. xanthogenys* Gray.

Gymnopus Gray, Proc. Zool. Soc. London, p. 120, June 1865. Genotype *Mustela africana* Desmarest.

Mustelina Bogdanov, Proc. Imp. Univ. Kazan, 1: 167, 1871. Genotype ?

Eumustela Acloque, Faune de France, Mamm., p. 62, 1900. As a section of *Mustela*, to include *M. vulgaris* Linnæus and *M. erminea* Linnæus; no type designated.

See Barrett-Hamilton, G. E. H. Note on the weasel, *Putorius* (*Ictis*) *nivalis*, Linn., and some of its subspecies. Ann. Mag. Nat. Hist., (7) 5: 41–50, Jan. 1900.

Mustela nivalis subpalmata (Hemprich and Ehrenberg)

Mustela subpalmata Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, p. 2, Sep. 1832. In houses, Cairo and Alexandria, Egypt.

Status: see Thomas, O., Proc. Zool. Soc. London, p. 128–131, June 1895.

Mustela numidica (Pucheran)

Putorius numidicus Pucheran, Rev. et Mag. de Zool., 1855, p. 393. Morocco and Algeria; (fixed as Tangiers by Cabrera).

Putorius nivalis atlas Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 13: 323, Apl. 1904. Atlas Mountains of Morocco.

Putorius nivalis siculus Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 5: 46, Jan. 1900 (in part). Marsala, Sicily.

Putorius ermineus algiricus Thomas, Ann. Mag. Nat. Hist. (6) 15: 451, May 1895. Near Algiers, Algeria.

Mustela erminea, var. 1, *africana*, Gray, Proc. Zool. Soc. London, p. 111, June 1865 (not of Desmarest). Algiers.

Range: Sicily and Algeria (to Oran Province).

Note: *Mustela africana* Desmarest (Nouv. Dictionnaire d'Hist. Nat., 19: 376, 1818) said to be "d'Afrique," is shown to have been based on a species from South America by Cabrera (Bol. Soc. Real Española. Hist. Nat., Madrid, 13: 428, 1913; 14: 176, pl. 1, 1914).

Subgenus Putorius Cuvier. Polecats and Ferrets

Putorius Cuvier, Règne Animale, ed. 1, 1: 147, 1817. As a subgenus, to include eight species; type *Mustela putorius* Linnæus.

Fœtorius Keyserling and Blasius, Wirbelthiere Europa's, p. 68, 1840. Genotype not indicated; seven species included.

Cynomyonax Coues, U. S. Geol. Surv. Terr., Misc. Publ. no. 8, "Fur-bearing Animals," p. 99, 1877. As a subgenus of *Putorius;* type *Putorius nigripes* Audubon and Bachman.

Mustela putorius furo Linnæus. The Ferret

Mustela furo Linnæus, Syst. Nat., ed. 10, 1: 46, 1758. "Africa."

Putorius fœtidus var. *subfuro* Gray, Proc. Zool. Soc. London, p. 110, June 1865. Bred in captivity.

Putorius putorius furo Pocock, Proc. Zool. Soc. London, p. 692, 25 Sept. 1936.

Range: Mountains of the extreme west of the Rif, from Nekor River to Gomara in east of Yebala. Now reared and introduced to Europe and elsewhere (see Cabrera, A., in Los mamíferos de Marruecos, p. 136, 1932.)

Pœcilictis Thomas and Hinton

Pœcilictis Thomas and Hinton, Ann. Mag. Nat. Hist. (9) 5: 367, Apl. 1920. Genotype *Mustela libyca* Hemprich and Ehrenberg.

Review: Thomas, O., and Hinton, M.A.C. On the group of African zorils represented by *Ictonyx libyca.* Ann. Mag. Nat. Hist. (9) 5: 367–369, Apl. 1920.

Pœcilictis libyca libyca (Hemprich and Ehrenberg)

Mustela libyca Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, p. 2, Sep. 1832. Libya, northern Africa.

Range: Lower Egypt.

Pœcilictis libyca multivittata (Wagner)

Rhabdogale multivittata Wagner, Schreber's Säugthiere, Suppl., 2: 221, footnote, pl. 133B, 1841. Upper Nile (Pruner, coll.).

Ictonyx frenata Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 212, pl. 4, f. 1, 1843. Sennaar.

Pœcilictis libyca oralis Thomas and Hinton

Pœcilictis oralis Thomas and Hinton, Ann. Mag. Nat. Hist. (9) 5: 368, Apl. 1920. Suakin, Egypt.

Mephitis africana, var. *β.* Lichtenstein, Abh. K. Akad. Wiss., Berlin, p. 284, pl. 1, f. 3, 1836.

Pœcilictis libyca rothschildi Thomas and Hinton
Pœcilictis rothschildi Thomas and Hinton, Novitates Zool., 27: 316, 15 June 1920. Farniso, near Kano, northern Nigeria.

Pœcilictis libyca vaillantii (Loche)
Zorilla vaillantii Loche, Rev. et Mag. de Zool., (2) 8: 497, pl. 22, Nov. 1856. Algeria.
Range: Algeria and Tunis.

Pœcilogale Thomas

Pœcilogale Thomas, Ann. Mag. Nat. Hist. (5) 11: 370, text-fig., 1 May 1883. Genotype *Zorilla albinucha* Gray.

Pœcilogale albinucha albinucha (Gray)
Zorilla albinucha Gray, Proc. Zool. Soc. London, p. 69, pl. 10, July 1864. Locality unknown, but Cape of Good Hope may be assumed.

Pœcilogale albinucha bechuanæ Roberts
Pœcilogale albinucha bechuanæ Roberts, Ann. Transvaal Mus., 14: 226, 28 July 1931. Vryburg, South Africa.

Pœcilogale albinucha doggetti Thomas and Schwann
Pœcilogale doggetti Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 6, p. 22, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 460, 2 Aug. 1904. Burumba, Ankole, southwestern Uganda.

Pœcilogale albinucha flavistriata (Bocage)
Zorilla flavistriata Bocage, Proc. Zool. Soc. London, p. 402, Oct. 1865. Duque de Braganca district, Angola. (Proposed on the basis of Angola specimens, as a substitute for *albinucha*, but may represent a distinct race.)
Zorilla africana Peters, Proc. Zool. Soc. London, p. 400, Oct. 1865 (nomen nudum). Golungo Alto, Angola.

Pœcilogale albinucha lebombo Roberts
Pœcilogale albinucha lebombo Roberts, Ann. Transvaal Mus., 14: 226, 28 July 1931. Ubombo, northern Zululand, South Africa.

Pœcilogale albinucha transvaalensis Roberts
Pœcilogale albinucha transvaalensis Roberts, Ann. Transvaal Mus., 11: 247, 14 Sep. 1926. Tzaneen, northeastern Transvaal.

Subfamily Lutrinæ. Otters

Review: Pohle, H. Die Unterfamilie der Lutrinæ. (Eine systematisch-tiergeographische Studie an dem Material der Berliner Museen.) Arch. f. Naturgesch., 85: sect. A, no. 9, p. 1–246, 19 text-figs., 10 pls., Dec. 1920.

Aonyx Lesson. Clawless Otters

Aonyx Lesson, Manuel de Mammalogie, p. 157, 1827. Genotype *Aonyx delalandi* Lesson = *Lutra capensis* Schinz.

Anahyster Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 157, 1860. Genotype *Anahyster calabaricus* Murray = *Aonyx capensis* (Schinz).

Aonyx capensis capensis (Schinz)

Lutra capensis Schinz, Cuvier's Thierreich, 1: 214, 1821. Cape Colony.

Lutra inunguis G. Cuvier, Dictionnaire des Sci. Nat., 27: 247, 1823. Cape of Good Hope.

Aonyx delalandi Lesson, Manuel de Mammalogie, p. 157, 1827. Cape of Good Hope.

Lutra poensis Waterhouse, Proc. Zool. Soc. London, p. 60, July 1838. Fernando Po.

Anahyster calabaricus Murray, Proc. Roy. Phys. Soc. Edinburgh, 2: 158, 1860. Old Calabar, West Africa.

Lutra lenoiri Rochebrune, Vert. Nouv. Afr. Occid., ser. 3, p. 9, 1888 (fide Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 2, p. 285, 1897). Senegal.

Aonyx capensis angolæ Thomas

Aonyx capensis angolæ Thomas, Ann. Mag. Nat. Hist. (8) 1: 388, May 1908. Coporole River, Angola, lat. 13° S.

Aonyx capensis coombsi Roberts

Aonyx capensis coombsi Roberts, Ann. Transvaal Mus., 11: 246, 14 Sep. 1926. Hennops River, Pretoria, Transvaal.
For Cecil Coombs, coll.

Aonyx capensis helios Heller

Aonyx capensis helios Heller, Smithsonian Misc. Coll., 61: no. 19, p. 1, 8 Nov. 1913. Sotik district, 40 miles southwest of Kericho, Kenya Colony.

Aonyx capensis hindei (Thomas)

Lutra capensis hindei Thomas, Ann. Mag. Nat. Hist. (7) 15: 78, Jan. 1905. Fort Hall, Kenya Colony.

Aonyx capensis meneleki (Thomas)

Lutra capensis meneleki Thomas, Proc. Zool. Soc. London, for 1902, 2: 309, 1 Apl. 1903. Zegi, Lake Tsana, Abyssinia, 4000 ft.

Lutra Brisson. River Otters

Lutra Brisson, Regnum Animale in classes IX distrib., ed. 2, 13: 201, 1762. Genotype *Lutra lutra* Brisson = *Mustela lutra* Linnæus.

Hydrogale Gray, Proc. Zool. Soc. London, p. 131, fig. of skull, June 1865 (not *Hydrogale* Kaup, 1829). Genotype *Lutra maculicollis* Lichtenstein.

Subgenus Lutra Brisson

Lutra lutra angustifrons Lataste

Lutra angustifrons Lataste, Actes Soc. Linn. de Bordeaux, (4) 9: 168, 237, 1885. Algeria.

Lutra lutra splendida Cabrera, Bol. Real Soc. Españ. Hist. Nat., Madrid, 6: 360, July 1906. Mogador, Morocco.

Subgenus Hydrictis Pocock

Hydrictis Pocock, Proc. Zool. Soc. London, p. 543, 9 Sep. 1921. Genotype *Lutra maculicollis* Lichtenstein. Although Pocock regards this as a distinct genus, it may better be retained as a subgenus.

Lutra maculicollis maculicollis Lichtenstein

Lutra maculicollis Lichtenstein, Arch. f. Naturgesch., for 1835, 1: 89, pl. 2, f. 1, 1835. "Aus dem Kafferlande," i.e., South Africa.

Lutra grayii Gerrard, Cat. Bones of Mammalia in Brit. Mus., p. 101, 1862 (nomen nudum). Port Natal, South Africa.

Lutra maculicollis chobiensis Roberts

Lutra malculicollis (sic) *chobiensis* Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland, South Africa.

Lutra maculicollis kivuana Pohle

Lutra maculicollis kivuana Pohle, Arch. f. Naturgesch., for 1919, 85: sect. A, no. 9, p. 46, 50, f. 5, Dec. 1920. Kissenji, Lake Kivu, Tanganyika Territory.

Lutra maculicollis matschiei Cabrera

Lutra matschiei Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 3: 182, Apl. 1903. Muni River, northern Gaboon.

Lutra maculicollis matschiei Thomas, Ann. Mag. Nat. Hist. (8) 8: 726, Dec. 1911; "unrecognizable from the description" (J. A. Allen) probably = *L. maculicollis*.

Lutra maculicollis nilotica Thomas

Lutra concolor Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1902 (preoccupied by *Lutra concolor* Rafinesque, 1832, from India). Addis Ababa, Ethiopia.

Lutra maculicollis nilotica Thomas, Ann. Mag. Nat. Hist. (8) 8: 726, Dec. 1911 Upper Nile, Malek, south of Bor, Anglo-Egyptian Sudan.

LUTRA MACULICOLLIS TENUIS Pohle

Lutra tenuis Pohle, Arch. f. Naturgesch., for 1919, 85: sect. A, no. 9, p. 53, Dec. 1920. Lake Mohasi, Ruanda district, eastern Congo Belge.

Lutra maculicollis mutandæ Hinton, Ann. Mag. Nat. Hist. (9) 7: 368, Apl. 1921. Lake Mutanda, British Ruanda.

Range: British Ruanda into Uganda.

PARAONYX Hinton

Paraonyx Hinton, Ann. Mag. Nat. Hist. (9) 7: 195, Feb. 1921. Genotype *Paraonyx philippsi* Hinton.

PARAONYX CONGICA (Lönnberg)

Aonyx capensis congica Lönnberg, Arkiv f. Zool., 7: no. 9, p. 1, text-f. 1a, 2a, 15 Dec. 1910. "Lower Congo."

Paraonyx congica Hinton, Ann. Mag. Nat. Hist. (9) 7: 198, Feb. 1921.

PARAONYX MICRODON (Pohle)

Aonyx microdon Pohle, Arch. f. Naturgesch., 85: sect. A, pt. 9, p. 145, Dec. 1920. Bomse, Nana River, Cameroons.

PARAONYX PHILIPPSI Hinton

Paraonyx philippsi Hinton, Ann. Mag. Nat. Hist. (9) 7: 196, Feb. 1921. Southwestern Lake Bunyonyi, British Ruanda, Central Africa, lat. 1° 20′ S., long. 29° 50′ E.

Family CANIDÆ. Dogs, Jackals, Foxes

See De Winton, W. E. On the species of Canidæ found on the continent of Africa. Proc. Zool. Soc. London, p. 533–552, 13 text-figs., Oct. 1899.

FENNECUS Desmarest. Fennec

Fennecus Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: tabl. méthodique d. mamm., p. 18, 1804; Nouv. Dictionnaire d'Hist. Nat., 11: 341, 1817. Genotype *Fennecus arabicus* Desmarest = *Canis zerda* Zimmermann.

Megalotis Illiger, Prodromus Syst. Mamm. et Avium, p. 131, 1811. Genotype *Canis cerdo* Gmelin = *C. zerda* Zimmermann.

Canis, *Megalotis*, *Viverra*, *Vulpes*, in part, of older authors.

FENNECUS ZERDA (Zimmermann)

Vulpes minimus saarensis Skjöldebrand, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 38: 267, pl. 6, 1777. Algerian Sahara, on the farther side of the Atlas Mts.

This name if considered valid, would supersede *Canis zerda*, but although the author states that he wishes to include the animal in the Linnæan system, he gives a trinomial name.

Canis zerda Zimmermann, Geograph. Geschichte, 2: 247, 1780. Sahara and other regions back of the Atlas Mts., and in Tripoli.

Canis cerdo Gmelin, Linnæus's Syst. Nat., ed. 13, 1: 75, 1788. Desert of Sahara.

Viverra aurita F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 91, 1793. Biskra, Beni Mezzab and Weryleh, Algeria.

Fennecus arabicus Desmarest, Dictionnaire d' Hist. Nat., ed. 1, 24: tabl. méthodique d. mamm., p. 18, 1804; Nouv. Dictionnaire d'Hist. Nat., 11: 342, 1817. Barbary, Nubia, Abyssinia.

Fennecus brucei Desmarest, Encyclop. Méthodique, Mammalogie, p. 235, 1820. Libya, Tunis, Algeria and Sennaar.

Canis fennecus Lesson, Manuel de Mammalogie, p. 168, 1827. "l'Afrique centrale."

Vulpes denhami Boitard, Le Jardin des Plantes, p. 163, 1842. "L'intérieur de l'Afrique."

Vulpes zaarensis Gray, List. Spec. Mamm. Brit. Mus., p. 62, 13 May 1843. Egypt.

Megalotis fennecus Knight, Pict. Mus. Anim. Nature, p. 207, circa 1860.

LYCAON Brookes. Hunting Dog

Lycaon Brookes, in Griffith's Cuvier's Animal Kingdom, 5: 151, 1827. Genotype *Lycaon tricolor* Brookes = *Hyæna picta* Temminck.

Cynhyæna F. Cuvier, Dictionnaire des Sci. Nat., 59: 454, 1829. Genotype *Hyæna picta* Temminck.

Hyenoides Boitard, Le Jardin des Plantes, p. 163, 1842. Genotype *Hyæna picta* Temminck.

Hyænoides Gervais, Hist. Nat. des Mammifères, 2: 53, 1855 (variant of *Hyenoides*).

LYCAON PICTUS PICTUS (Temminck)

Hyæna picta Temminck, Ann. Gén. Sci. Phys., 3: 54, pl. 35, 1820. Coast of Mozambique.

Canis (Lycaon) tricolor Brookes, in Griffith's Cuvier's Animal Kingdom, 5: 151, 1827. Cape of Good Hope.

Lycaon typicus A. Smith, South African Quart. Journ., 2: 91, 1833.

Lycaon windhorni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin p. 378, Oct. 1915. Rustenburg, Transvaal.

LYCAON PICTUS LUPINUS Thomas

Lycaon pictus lupinus Thomas, Ann. Mag. Nat. Hist. (7) 9: 439, June 1902. Nyuki River Swamp, Rift Valley, Kenya Colony, 2000 m.

Lycaon pictus pragcri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 250, Apl. 1912; p. 311, May 1912. Nzoia River, Uasin Gishu plateau south of Mt. Elgon, Kenya Colony.

Lycaon lademanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1915. Mbarangandu, near Ssongea-Liwale Road, Tanganyika Territory.

Lycaon ssongeæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 317, Oct. 1915. Ussangire, 14 km. west-southwest of Ssongea, headwaters of the Rovuma, Tanganyika Territory.

Lycaon hennigi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 320, Oct. 1915. Makangaga, 40 km. west of Kilwa, Tanganyika Territory.

Lycaon sticrlingi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 323, Oct. 1915. Upper Rijuni, Ssongea district, Tanganyika Territory (about 30 km. from source of the Mbarangandu-Luwegu).

Lycaon huebneri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 326, Oct. 1915. Kibwesi, Kenya Colony.

Lycaon ruwanæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 328, Oct. 1915. Ruwana Plains, northeast of Speke Gulf, Tanganyika Territory.

Lycaon kondoæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 331, Oct. 1915. Bubu, near Kondoa-Irangi, Tanganyika Territory.

Lycaon langheldi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, Oct. 1915. Njawa, Ussongo, northeast of Tabora, in the western Wembære Plains, Tanganyika Territory.

Lycaon dieseneri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 336, Oct. 1915. Myombo forest, between Usinsa and East Ussuwi, south of Victoria Nyanza, Tanganyika Territory.

Lycaon gansseri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340, Oct. 1915. Tabora district, Tanganyika Territory.

Lycaon taboræ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 344, Oct. 1915. Tabora district, Tanganyika Territory.

Lycaon wintgensi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 347, Oct. 1915. Luegere River, Kungue Bay, east shore of Lake Tanganyika, Tanganyika Territory.

Lycaon richteri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, Oct. 1915. Dar-es-Salaam, Tanganyika Territory.

Lycaon styxi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 352, Oct. 1915. Mpwapwa, Tanganyika Territory.

LYCAON PICTUS MANGUENSIS Matschie

Lycaon manguensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 364, Oct. 1915. Djannaga, north of Sansanne Mangu, near the Oti, (Togo) northern Dahomey.

Lycaon mischlichi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 366, Oct. 1915. Northern part of Kete-Kratschi district, probably Bimbila, between the Oti and Daka, (Togo) northern Dahomey.

LYCAON PICTUS SHARICUS Thomas and Wroughton

Lycaon pictus sharicus Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 375, May 1907. Mani, lower Shari River, east of Lake Chad.

Lycaon ebermaieri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 369, Oct. 1915. Lake Chad region (probably from near Dikoa).

According to Heim de Balsac (Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 392–393, 1936) specimens from Tanezrouft, Algeria, have larger bullæ and may indicate that the form of the southern and central Sahara is a distinct race, to which possibly the above name is applicable.

LYCAON PICTUS SOMALICUS Thomas

Lycaon pictus somalicus Thomas, Ann. Mag. Nat. Hist. (7) 14: 98, Aug. 1904. Gorahai, Somaliland.

Lycaon rüppelli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1915. Bajuda Steppe region, Anglo-Egyptian Sudan (based on Rüppell's plate 12).

Lycaon luchsingeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 355, Oct. 1915. Edaballa, Mulu, near Hawash River, Ethiopia.

Lycaon zedlitzi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 358, Oct. 1915. Scetel River, on plains southeast of Agordat, Eritrea.

Lycaon takanus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 360, Oct. 1915. Near Khor el Gasch, Taka district, Anglo-Egyptian Sudan.

LYCAON PICTUS VENATICUS (Burchell)

Hyæna venatica Burchell, Travels in Interior So. Africa, 1: 456, 1822; 2: 229, 1824. Northeast of Asbestos Range, upper Orange River.

Lycaon pictus venaticus Thomas, Ann. Mag. Nat. Hist. (7) 9: 438, May 1902.

Lycaon lalandei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 310, Oct. 1915. Between Cape Town and Keiskama River, South Africa.

Lycaon fuchsi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 371, Oct. 1915. Rio Cubal, Benguella, Angola.

Lycaon gobabis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 373, Oct. 1915. Gobabis, Southwest Africa.

Lycaon krebsi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 376, Oct. 1915. Near Baviaans Kloof, Cape Colony.

LYCAON PICTUS ZULUENSIS Thomas

Lycaon pictus zuluensis Thomas, Ann. Mag. Nat. Hist. (7) 14: 98, footnote, Aug. 1904. Pongola River, Zululand, Natal.

Otocyon Müller. Big-eared Foxes

Otocyon Müller, Jahresber. über die Fortschritte d. anat.-phys. Wiss., 1835, p. l (Roman numeral), with Arch. f. Anat. u. Phys., 1836. Genotype *Otocyon caffer* Lichtenstein = *Canis megalotis* Desmarest.

Agriodus Hamilton Smith, Jardine's Naturalist's Library, Mamm., 10: 258, 1840. As a subgenus of *Canis;* type *Agriodus auritus* H. Smith = *Canis megalotis* Desmarest.

Otocyon megalotis megalotis (Desmarest)

Canis megalotis Desmarest, Encyclop. Méthodique, Mammalogie, suppl., p. 538, 1821. Cape of Good Hope.

Canis lalandi Desmoulins, Dictionnaire Class. d'Hist. Nat., 4: 18, pl. 15, f. 2, 1823. "Cafrèrie," = South Africa.

Otocyon caffer Wiegmann, Arch. f. Naturgesch., 4: sect. 1, p. 290, 1838. No locality.

Agriodus auritus Hamilton Smith, Jardine's Naturalist's Library, Mamm., 10: 260, pl. 23, 1840. Cape of Good Hope.

Otocyon megalotis canescens Cabrera

Otocyon canescens Cabrera, Ann. Mag. Nat. Hist. (8) 6: 462, Nov. 1910. Ten miles south of Burao, Somaliland.

Range: Interior plateau of Somaliland.

Otocyon megalotis steinhardti Zukowsky

Otocyon steinhardti Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 52, 3 text-ff., July 1924. Goreis, Ugab Mts., 45 km. west of Outjo, Southwest Africa.

Otocyon megalotis virgatus Miller

Otocyon virgatus Miller, Smithsonian Misc. Coll., 52: 485, pl. 60–62, 18 Dec. 1909. Naivasha Station, Kenya Colony.

Simenia Gray. Simenian Fox

Simenia Gray, Proc. Zool. Soc. London, for 1868, pp. 494, 506, Mar. 1869. Genotype *Canis simensis* Rüppell.

Simenia simensis simensis (Rüppell)

Canis simensis Rüppell, Neue Wirbelth. zu Fauna Abyssinien gehörig, Säugeth., 1: 39, pl. 14, 1835. Mountains of Simen, Ethiopia.

Canis sinus Gervais, Hist. Nat. des Mammifères, 2: 58, 1855.

Canis walgie Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: no. 2, suppl., p. 3, 1863. Simeen, Ethiopia, above 10,000 feet.

Canis semiensis Heuglin, Reise in Nordost-Afrika, 2: 48, 1877. Semién, Vogara, south to Wolo-Gala, Ethiopia.

SIMENIA SIMENSIS CITERNII (de Beaux)

Canis (*Simenia*) *simensis citernii* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 61: 25, Feb. 1922. Barofa, Arussi, Ethiopia.

THOS Oken. Jackals

On the characters of *Thos*, see Heller, E., Smithsonian Misc. Coll., 63: no. 7, p. 1–3, 24 June 1914.

Thos Oken, Lehrbuch d. Naturgesch., zool., sect. 3, pt. 2, p. 1037, 1816. Type by subsequent designation, *Thos vulgaris* Oken = *Canis aureus* Linnæus.

Vulpicanis Blainville, Ann. des Sci. Nat., Zool., (2) 8: 279, 1837. Genotype *Canis aureus* Linnæus.

According to Cabrera (Trabajos Mus. Nac. de Ciencias Nat., Madrid, zool. ser., no. 57, p. 106, 30 Dec. 1932) this name should replace *Thos*, which he regards as invalid on the ground that Oken is not binomial.

Sacalius Hamilton Smith, Jardine's Naturalist's Libr., Mamm., 9: 206, 1839. As a subgenus, type *Canis aureus* Linnæus.

Oxygoüs Hodgson, Calcutta Journ. Nat. Hist., 2: 213, July 1841. Genotype *Oxygoüs indicus* Hodgson = *Canis pallipes* Sykes.

Dieba Gray, Cat. Carniv., Pachyderm. and Edentate Mamm. Brit. Mus., p. 180, 189, 1869. Genotype *Dieba anthus* = *Canis anthus* F. Cuvier.

Lupulella Hilzheimer, Zool. Beobachter, 47: 363, Dec. 1906. Genotype *Thos mesomelas* (Schreber).

Schæffia Hilzheimer, Zool. Beobachter, 47: 364, Dec. 1906. Subgenus of *Thos* to include *Canis adustus*, *C. lateralis*, *C. kaffensis*.

Alopedon Hilzheimer, Zool. Beobachter, 47: 365, Dec. 1906. As a subgenus, type *Canis thooides* Hilzheimer = *Canis anthus* Cretzschmar, not of Cuvier.

THOS ADUSTUS ADUSTUS (Sundevall). Side-striped Jackal

Canis adustus Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, p. 121, 1846. In Caffraria interiore.

Canis holubi Lorenz, Verh. K. K. Zool.-Bot. Ges. Wien, 45: 111, 1895. Leshumo Valley, near Victoria Falls, western Matabeleland, Rhodesia.

Canis wunderlichi Noack, Zool. Anzeiger, 20: 519, 27 Dec. 1897. Probably southeastern Africa.

THOS ADUSTUS BWEHA Heller

Thos adustus bweha Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 3, 24 June 1914. Kisumu, Kenya Colony.

THOS ADUSTUS CENTRALIS (Schwarz)

Canis adustus centralis Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk., Wiesbaden, 68: 60, pl. 12, f. 1; pl. 13, 1915. Bate, Cameroons.

THOS ADUSTUS GRAYI (Hilzheimer)

Canis lupaster grayi Hilzheimer, Zool. Beobachter, 47: 367, Dec. 1906. Morocco and Tunis.

Canis studeri Hilzheimer, Zool. Beobachter, 47: 368, Dec. 1906. Tunis.

THOS ADUSTUS KAFFENSIS (Neumann)

Canis kaffensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 53, 1902. Anderatscha, Kaffa, southwestern Ethiopia.

THOS ADUSTUS LATERALIS (P. L. Sclater)

Canis lateralis P. L. Sclater, Proc. Zool. Soc. London, p. 279, pl. 23, Nov. 1870. Rio Fernand Vaz, south of Gaboon.

THOS ADUSTUS NOTATUS Heller

Thos adustus notatus Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 4, 24 June 1914. Loita Plains, Kenya Colony.

THOS AUREUS ALGIRENSIS (Wagner). Algerian Jackal

Canis aureus algirensis Wagner, Schreber's Säugth., Suppl., 2: 384, 1841. Algeria (based on I. Geoffroy, Expéd. Sci. de Morée, p. 22, 1833).

Canis aureus tripolitanus Wagner, Schreber's Säugth., Suppl., 2: 384, 1841. No locality; Tripoli, Tunis, implied.

A valid race according to Cabrera (Trabajos Mus. Nac. de Ciencias, Madrid, zool. ser., no. 57, p. 107, 30 Dec. 1932), but the status of all the named African races of *Thos aureus* is still in much need of revision; see especially, Schwarz, E., Ueber Typenexemplare von Schakalen, Senckenbergiana (Frankfurt), 8: 34–47, 10 Mar. 1926.

THOS AUREUS ANTHUS (F. Cuvier). Senegalese Jackal

[*Canis*] *anthus* F. Cuvier, Hist. Nat. des Mammifères, pt. 17, pl. 173 and text, June 1820. Senegal. Status uncertain.

Thos senegalensis Hamilton Smith, Jardine's Naturalist's Library, Mamm., 9: 201, pl. 13, 1839. Senegal.

THOS AUREUS BEA Heller. East African Jackal

Thos aureus bea Heller, Smithsonian Misc. Coll., 63: no. 7, p. 2, 5, 24 June 1914. Loita Plains, Kenya Colony.

THOS AUREUS LUPASTER (Hemprich and Ehrenberg). Egyptian Jackal

Canis lupaster Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

Canis sacer Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

THOS AUREUS MAROCCANUS Cabrera. Moroccan Jackal

Thos lupaster maroccanus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 263, 14 Oct. 1921. Mogador, Morocco.

THOS AUREUS NUBIANUS Cabrera. Nubian Jackal

Canis variegatus Cretzschmar, Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 31, pl. 10, 1826. Nubia and upper Egypt.

Thos aureus nubianus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 264, 14 Oct. 1921. New name in place of *Canis variegatus* Cretzschmar, not *C. familiaris variegatus* Gmelin, 1788.

THOS AUREUS RIPARIUS (Hemprich and Ehrenberg). Red Sea Jackal

Canis riparius Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, fol. ff, Nov. 1832. Coast of Abyssinia, near Arkiko.

Canis hagenbecki Noack, Zool. Garten, 27: 234, Aug. 1886; Zool. Anzeiger, 20: 518, 27 Dec. 1897. Somaliland.

Canis mengesi Noack, Zool. Anzeiger, 20: 518, 27 Dec. 1897. Coast of Somaliland.

Canis somalicus Lorenz, Anzeiger K. K. Akad. Wiss. Wien, math.-nat. Klasse, 43: 306, 1906. Ireso, near Agada, Somaliland.

THOS AUREUS SOUDANICUS (Thomas). Sudanese Jackal

Canis anthus soudanicus Thomas, Proc. Zool. Soc. London, 1: 295, Aug. 1903. El Obeid, Kordofan.

According to Schwarz, this is probably, with the following synonyms, the same as *Thos aureus nubianus* Cabrera.

Canis doederleini Hilzheimer, Zool. Anzeiger, 30: 116, 17 Apl. 1906. Upper Egypt.

Canis thooides Hilzheimer, Zool. Beobachter, 47: 364, Dec. 1906. Sennaar.

THOS GALLAENSIS (Lorenz)

Canis gallaënsis Lorenz, Anzeiger K. K. Akad. Wiss. Wien, math.-nat. Klasse, 43: 307, 1906. Ginea, Arussi, Ethiopia. Status uncertain.

THOS LAMPERTI (Hilzheimer)

Canis mengesi lamperti Hilzheimer, Zool. Beobachter, 47: 371, Dec. 1906. ?Somaliland. Status uncertain.

THOS MESOMELAS MESOMELAS (Schreber). Black-backed Jackal

Canis mesomelas Schreber, Säugthiere, 3: 370, 586, pl. 95, 1778. Cape of Good Hope.

Canis variegatoides A. Smith, So. African Quart. Journ., 2: 87, 1834.

THOS MESOMELAS ACHROTES Thomas

Thos mesomelas achrotes Thomas, Proc. Zool. Soc. London, p. 295, 29 Apl. 1926. Rooibank, Kuisib River, Southwest Africa.

Thos mesomelas arenarum Thomas

Thos mesomelas arenarum Thomas, Proc. Zool. Soc. London, p. 295, 29 Apl. 1926. Berseba, Southwest Africa.

Thos mesomelas elgonæ Heller

Thos mesomelas elgonæ Heller, Smithsonian Misc. Coll., 63: no. 7, p. 3, 6, 24 June 1914. Guas Ngishu plateau, Kenya Colony.

Thos mesomelas mcmillani Heller

Thos mesomelas mcmillani Heller, Smithsonian Misc. Coll., 63: no. 7, p. 3, 6, 24 June 1914. Mtoto Andei, Kenya Colony.

Thos mesomelas schmidti (Noack)

Canis mesomelas var. *schmidti* Noack, Zool. Anzeiger, 20: 519, 27 Dec. 1897. Interior of Somaliland.

Vulpes Oken. Red Foxes

Vulpes Oken, Lehrbuch d. Naturgesch., sect. 3, pt. 2, p. 1033, 1266, 1816. Genotype *Vulpes vulgaris* Oken = *Canis vulpes* Linnæus.

Vulpes chama (A. Smith). Chama Fox

Canis chama A. Smith, South African Quart. Journ., 2: 89, 1833. "Namaqualand and the country on both sides of the Orange River," South Africa.

Megalotis caama Hamilton Smith, Jardine's Naturalist's Library, Mamm., 9: 236, pl. 19, 1839. South Africa.

Megalotis hodsoni Noack, Zool. Anzeiger, 35: 461, 15 Feb. 1910. Transvaal.

Vulpes pallida pallida (Cretzschmar). Sand Fox

Canis pallidus Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 33, pl. 11, 1826. Kordofan.

? *Canis sabbar* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Dongola.

See Thomas, O. Some notes on the small sand-foxes of North Africa. Ann. Mag. Nat. Hist. (9) 1: 242–245, Mar. 1918.

Vulpes pallida cyrenaica Festa

Vulpes cyrenaica Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 36: no. 740, p. 3, 15 Dec. 1921. Near Benghazi, Barka Cyrenaica, Libya.

Vulpes pallida edwardsi Rochebrune

Vulpes edwardsi Rochebrune, Bull. Soc. Philom., Paris, (7) 7: 8, 1883. Cayor, Oualo, Gandiole, and forests of Gommiers, Senegambia.

VULPES PALLIDA HARTERTI Thomas and Hinton

Vulpes pallida harterti Thomas and Hinton, Novitates Zool., 28: 4, May 1921. Takoukout, Damergou, northern Nigeria, 1550 ft. alt.

Canis pallidus haterti Zimara, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 144: sect. 1, no. 1–2, p. 9, 1935. Gourma-Bahrus, French West Africa.

VULPES PALLIDA OERTZENI (Matschie)

Canis (Cynalopex) pallidus oertzeni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 370, Oct. 1910. Dikoa, northeastern Cameroons (=northern Nigeria).

VULPES RÜPPELLII RÜPPELLII (Schinz)

Canis rüppelii (sic) Schinz, Cuvier's Thierreich, 4: 508, 1825. Dongola.

Canis famelicus Cretzschmar, in Rüppell, Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 15, pl. 5, 1826. Nubian desert and Kordofan.

VULPES RÜPPELLII CÆSIA Thomas and Hinton

Vulpes rüppelli cæsia Thomas and Hinton, Novitates Zool., 28: 5, May 1921. South side of Mt. Baguezan, Asben, northern Nigeria, 3300 ft.

VULPES RÜPPELLII SOMALIÆ Thomas

Vulpes rüppelli somaliæ Thomas, Ann. Mag. Nat. Hist. (9) 1: 244, Mar. 1918. Berbera, Somaliland.

VULPES VULPES ÆGYPTIACA (Sonnini). Egyptian Red Fox

Canis ægyptiacus Sonnini, Nouv. Dictionnaire des Sci. Nat., 6: 524, 1816. Egypt.

Canis niloticus Desmarest, Encyclop. Méthodique, Mammalogie, p. 204, 1820. Egypt.

Canis anubis Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

Canis vulpecula Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio ff, Nov. 1832. Fayum, Egypt.

VULPES VULPES ATLANTICA (A. Wagner)

Canis vulpes, var. *atlantica* A. Wagner, in M. Wagner, Reisen in d. Regenschaft Algier, 3: 31, 62, pl. 3, 1841. Atlas Mts., Mitiyá, Algeria.

Vulpes algeriensis Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 4, 1858; Explor. Sci. de l'Algérie, Zool., Mamm., p. 21, 1867. Wooded parts of Algeria.

VULPES VULPES BARBARUS (Shaw). Barbary Fox

Canis barbarus Shaw, General Zool., 1: Mamm., pt. 2, p. 311, 1800. Barbary, i.e. coast of northwestern Africa (based on specimen described by Buffon, Hist. Nat., Suppl., 4: 50, pl. 14, 1778, and Pennant, Hist. Quadrupeds, 1: 260, 1781).

This name, if identifiable, should supersede *V. v. acaab* Cabrera.

Vulpes vulpes acaab Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 16: 384, Oct. 1916. Marraquex, western Morocco.
Range: Western Morocco.

VULPES VULPES DORSALIS (Gray)
Canis vulpes dorsalis Gray, Proc. Zool Soc. London, for 1837, p. 132, 14 June 1838. Senegal.

Family VIVERRIDÆ. Civets, Mungooses, etc.

Subfamily VIVERRINÆ. Civets, Genets

CIVETTICTIS Pocock. African Civets

Civettictis Pocock, Proc. Zool. Soc. London, 1: 134, 26 March 1915. Genotype *Viverra civetta* Schreber.
Viverra in part, of authors.

CIVETTICTIS CIVETTA CIVETTA (Schreber). West African Civet
Viverra civetta Schreber, Säugthiere, 3: 418, 587, pl. 111, 1778. "Guinea, Kongo, das Vorgebirge der guten Hofnung und Aethiopien," type locality taken as French Guinea.
Viverra poortmanni Pucheran, Rev. et Mag. de Zool. (2) 7: 304, June 1855. Gaboon (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 117, 11 Apl. 1924).

CIVETTICTIS CIVETTA CONGICA Cabrera
Civettictis civetta congica Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 36, footnote, 10 July 1929. Niapu, Congo Belge. Based on the account of *C. c. orientalis* J. A. Allen (not Matschie), Bull. Amer. Mus. Nat. Hist., 47: 109, text-fig. 12–15, pls. 12, 13, 11 Apl. 1924; type, the specimen from Niapu figured in Pl. 12, no. 51811 A.M.N.H.

CIVETTICTIS CIVETTA SCHWARZI Cabrera. East African Civet
Viverra civetta orientalis Matschie, Arch. f. Naturgesch., 57: sect. A, pt. 1, p. 352, Oct. 1891 (not *Viverra orientalis* Hodgson, 1842, = *V. zibetha* Linnæus). Zanzibar, Bagamoyo, Tanganyika Territory, of which the former is selected as type locality by Schwarz.
Viverra megaspila Noack, Jahrb. Hamburg. Wiss. Anstalt., 9: 124, pl. 1, f.5; pl.2, f.5,6, 1891 (not of Blyth).
Civettictis civetta schwarzi Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 36, footnote, 10 July 1929 (new name to replace *orientalis* Matschie, preoccupied). Type locality selected as Zanzibar (see Schwarz, Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934).
[*Viverra civetta*] *matschiei* Pocock, Journ. Bombay Nat. Hist. Soc., 36: 429, footnote, 15 Apl. 1933, to replace *orientalis*, preoccupied.

Fossa Gray. The Foussa

Fossa Gray, Proc. Zool. Soc. London, for 1864, p. 518, May 1865. Genotype *Fossa daubentonii* Gray = *Viverra fossa* Schreber.

Fossa fossa (Schreber). The Foussa

Viverra fossa Schreber, Säugthiere, 3: 424, 587, 1777; pl. 114, 1776 (plate name). Madagascar.

Viverra fossana P. L. S. Müller, von Linné, Natur-systems, Suppl., p. 32, 1776, based on Buffon and Daubenton, Hist. Nat., ed. 2, 13: 88, pl. 21, 1770. No locality.

Fossa daubentonii Gray, Proc. Zool. Soc. London, for 1864, p. 518, May 1865. Madagascar.

Genetta Oken. The Genets

Genetta Oken, Lehrbuch d. Naturgesch., sect. 3, zool., pt. 2, p. 1010, 1816. As a subgenus of *Viverra;* type *Viverra genetta* Linnæus.

Viverra Linnæus et auct. vet. (in part).

Review: Schwarz, E. Die Sammlung afrikanischer Säugethiere im Congo-Museum. Ginsterkatzen (Gattung *Genetta* Oken). Rev. Zool. et Bot. Africaines, 19: 275–286, 30 July 1930.

Genetta abyssinica (Rüppell)

Viverra abyssinica Rüppell, Neue Wirbelth. zu Fauna Abyssinien gehörig, Säugeth., 1: 33, pl. 11, 1836. Abyssinia.

Genetta abyssinica Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Range: Abyssinia (=Ethiopia).

Genetta genetta afra F. Cuvier

Genetta afra F. Cuvier, in F. Cuvier and Geoffroy, Hist. Nat. des Mammifères, pt. 52, pl. 195 and pt. 51, text, Sep. 1825. Barbary.

Genetta genetta afra Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Genetta barbara Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 171, 1842. Barbary.

Genetta bonaparti Loche, Rev. et Mag. de Zool. (2) 9: 385, pl. 13, Sep. 1857. Algeria.

Range: Western Morocco, Algeria and Tunis.

Genetta genetta felina (Thunberg)

Viverra felina Thunberg, Kongl. Svenska Vet.-Acad. Nya Handl., Stockholm, 32: 165, 1811. Cape of Good Hope.

Genetta genetta felina Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Viverra macrura Jentink, ex Temminck MS., Mus. d'Hist. Nat. Pays-Bas, Leiden, 11: 112, 1892. Nomen nudum.

GENETTA GENETTA HARARENSIS Neumann

Genetta hararensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Harar, Abyssinia (Ethiopia).

Genetta guardafuensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Cape Guardafui, eastern Somaliland.

Genetta albipes Trouessart, Cat. Mamm. Viv. Foss., pt. 1, p. 250, 1904. Harar, Abyssinia (based on Matschie's "weissfüssige Genette, G. spec.", in Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1139, 1902).

Genetta dongolana tedescoi de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 62: 267, Feb. 1924. Tigiglo, a third the way from Webi Shebeli to Juba River, Italian Somaliland.

GENETTA GENETTA HINTONI Schwarz

Genetta genetta hintoni Schwarz, Ann. Mag. Nat. Hist. (10) 3: 47, Jan. 1929. N'dola, northeastern Rhodesia, 4220 ft.

GENETTA GENETTA NEUMANNI Matschie

Genetta neumanni Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Irangi, northern Ugogo, and Kitui in Ukamba, Kenya Colony.

Genetta genetta neumanni Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Range: Mt. Elgon, Kenya Colony, to Mt. Kilimanjaro region.

GENETTA GENETTA PULCHRA Matschie

Genetta pulchra Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1139, 1902. Okondoto, Okawango, Otawi, Windhœk, Southwest Africa.

Genetta genetta pulchra Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Genetta bella Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Loanda, Angola.

Genetta ludia Thomas and Schwann, Proc. Zool. Soc. London, p. 579, 10 Oct. 1906. Klein Letaba, northeastern Transvaal.

GENETTA GENETTA SENEGALENSIS (J. B. Fischer)

Viverra senegalensis J. B. Fischer, Synopsis Mamm., p. 170, 1829. Senegal.

Genetta genetta senegalensis Schwarz, Rev. de Zool. et Bot. Africaines, 19: 279, 30 July 1930.

Viverra dongolana Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 2, folio k, p. 2, Sep. 1832. Dongola, Anglo-Egyptian Sudan.
Viverra leptura Reichenbach, Regnum Animale, 1: 23, f. 270, 1836.

GENETTA MACULATA (Gray)
Viverra maculata Gray, Spicilegia Zool., 2: 9, pl. 9, 1 Aug. 1830. North Africa, but doubtless in reality from Senegal (see Schwarz, Rev. Zool. et Bot. Africaines, 19: 277, footnote, 30 July 1930).
Genetta pardina I. Geoffroy, Mag. de Zool., 2: cl. 1, pl. 8 and text, 1832. Interior of Senegal.
Genetta poensis Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838. Island of Fernando Po? (see Pocock, Proc. Zool. Soc. London, 1907, 2: 1039–1041, 4 June 1908).
Viverra genettoides Temminck, Esquisses Zool. sur la Côte de Guiné, p. 89, 1853. Rio Boutry and La Mina, Gold Coast.
Genetta dubia Matschie, Verh. des V. Internat. Zool. Congress. Berlin, 1901, p. 1141, 1902. West Africa.
Genetta johnstoni Pocock, Proc. Zool. Soc. London, for 1907, p. 1041, pl. 54, f. 1, 2, 4 June 1908. West of Putu Mts., west of Cavally River, Liberia.
Range: Forests of Upper Guinea from the Niger to Gambia (Schwarz).

GENETTA SERVALINA SERVALINA Pucheran
Genetta servalina Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Gaboon.
Genetta aubryana Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Gaboon.
Range: Forest region from Niger to the Rift Valley, west on both banks of the Congo to the West Coast.

GENETTA SERVALINA BETTONI Thomas
Genetta bettoni Thomas, Ann. Mag. Nat. Hist. (7) 9: 365, May 1902. Lagari, Mau district, south of El Burgon Range, Kenya Colony.
Range: Uele region to Lake Kivu and Mt. Elgon.

GENETTA SERVALINA INTENSA Lönnberg
Genetta servalina intensa Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 59, 1 Sep. 1917. Beni and Masisi, Congo Belge.

GENETTA TIGRINA TIGRINA (Schreber)
Viverra tigrina Schreber, Säugthiere, 3: 425, pl. 115, 1778. Cape of Good Hope.
Genetta rubiginosa Pucheran, Rev. et Mag. de Zool. (2) 7: 154, Mar. 1855. Cape of Good Hope.
Range: As a species, from Abyssinia and the Sudan, west to Senegal, south of the Sahara, to the edge of the Congo rainforest and on the east coast to Cape of Good Hope.

Genetta tigrina æquatorialis Heuglin

Genetta æquatorialis Heuglin, Sitzb. K. Akad. Wiss., Wien, math.-nat. Kl., 54: sect. 1, p. 559, 1866. West bank of Bahr-el-Abiad, 7°–8° N., Anglo-Egyptian Sudan.

Genetta tigrina æquatorialis Schwarz, Rev. de Zool. et Bot. Africaines, 19: 277, 30 July 1930.

Range: Uele to Ituri forest, south to Lake Tanganyika.

Genetta tigrina albiventris Roberts

Genetta rubiginosa albiventris Roberts, Ann. Transvaal Mus., 15: 1, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

Genetta tigrina amer Gray

Genetta amer Gray, List Spec. Mamm. Brit. Mus., p. 49, 13 May 1843.

Genetta tigrina amer Gray, Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278 and footnote, 30 July 1930. ?Nomen nudum, cites Rueppell specimen in BM.

Genetta matschiei Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 183, 1902. Harar, Abyssinia (Ethiopia).

Genetta schraderi Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1140, 1902. Massawa, Eritrea.

Genetta tigrina angolensis Bocage

Genetta angolensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 9: 29, July 1882. Caconda, Angola.

Genetta tigrina angolensis Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Genetta gleimi Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Loanda, Angola.

Genetta loandæ Matschie, Schwarz, Rev. Zool. et Bot. Africaines, 19: 278, 30 July 1930 (lapsus cal. for *G. gleimi* Matschie?).

Range: Lower Congo to Angola.

Genetta tigrina erlangeri Matschie

Genetta erlangeri Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1143, 1902. Kitui, Kenya Colony.

Genetta tigrina erlangeri Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Genetta pumila Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 4, 10 Feb. 1916. Mt. Gargues, Kenya Colony, 6000 feet.

Genetta tigrina fieldiana DuChaillu

Genetta fieldiana DuChaillu, Proc. Boston Soc. Nat. Hist., 7: 302, July 1860. Interior of Gaboon. See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 119, 11 Apl. 1924.

GENETTA TIGRINA INSULARIS Cabrera

Genetta insularis Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 261, 14 Oct. 1921. Rebola, Island of Fernando Po.

Genetta tigrina insularis Schwarz, Rev. Zool. et Bot. Africaines, 19: 277, 30 July 1930 with ?.

GENETTA TIGRINA LETABÆ Thomas and Schwann

Genetta letabæ Thomas and Schwann, Proc. Zool. Soc. London, p. 578, 10 Oct. 1906. Klein Letaba, northeastern Transvaal.

Genetta tigrina letabæ Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Genetta rubiginosa zuluensis Roberts, Ann. Transvaal Mus., 10: 67, 31 Jan. 1924. Banks of the White Umfolosi, Umfolosi Game Reserve, Zululand, Natal.

GENETTA TIGRINA MOSSAMBICA Matschie

Genetta mossambica Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1138, 1902. Mossimboa, Querimba Id., and southern Tanganyika Territory.

Genetta tigrina mossambica Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Genetta zambesiana Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1141, 1902. Boror, Nyasaland.

GENETTA TIGRINA SOROR Schwarz

Genctta tigrina soror Schwarz, Ann. Mag. Nat. Hist. (10) 3: 48, Jan. 1929. Kundilungo Mts., southwest of Lake Mweru, Congo Belge.

GENETTA TIGRINA STUHLMANNI Matschie

Genetta stuhlmanni Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Bukoba, Tanganyika Territory.

Genetta tigrina stuhlmanni Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

GENETTA TIGRINA SUAHELICA Matschie

Genetta suahelica Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1143, 1902. East coast of Tanganyika Territory to Mombasa, Kenya Colony.

Genetta tigrina suahelica Schwarz, Rev. de Zool. et Bot. Africaines, 19: 278, 30 July 1930.

Range: Coast of Tanganyika Territory and Kenya Colony to ? Mt. Elgon.

GENETTA TIGRINA THIERRYI Matschie

Genetta thierryi Matschie, Verh. d. V. Internat. Zool. Congress. Berlin, 1901, p. 1142, 1902. Interior of Togo, Dahomy, 9° N.

Genetta tigrina thierryi Schwarz, Rev. de Zool. et Bot. Africaines, 19: 277, 30 July 1930.

GENETTA VICTORIÆ Thomas

Genetta victoriæ Thomas, Proc. Zool. Soc. London, 2: 87, pl. 5, 1 Oct. 1901. Entebbe, Uganda.

Range: Local in forests between Ubangi, Congo, and Lake Victoria.

NANDINIA Gray. Tree Civet

Nandinia Gray, Cat. Spec. Mamm. Brit. Mus., p. 54, 13 May 1843, nomen nudum; Proc. Zool. Soc. London, for 1864, p. 529, May 1865. Genotype *Viverra binotata* Reinwardt.

NANDINIA BINOTATA BINOTATA (Reinwardt)

Viverra binotata Reinwardt, in Gray, Spicilegia Zool., 2: 9, 1830. Fernando Po.

Paradoxurus hamiltonii Gray, Proc. Zool. Soc. London, p. 67, 5 June 1832; Illustr. Indian Zool., pl. 10, 1833–34. No locality; Ashanti according to Temminck.

NANDINIA BINOTATA ARBOREA Heller

Nandinia binotata arborea Heller, Smithsonian Misc. Coll., 61: no. 13, p. 9, 16 Sep. 1913. Lukosa River, northeast of Kisumu, Kenya Colony.

NANDINIA BINOTATA GERRARDI Thomas

Nandinia gerrardi Thomas, Ann. Mag. Nat. Hist. (6) 12: 205, Sep. 1893. Lower Shiré River, Nyasaland.

NANDINIA BINOTATA INTENSA Cabrera and Ruxton

Nandinia binotata intensa Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 596, May 1926. St. Joseph de Luluabourg, southern Congo Belge.

OSBORNICTIS J. A. Allen. Aquatic Civet

Osbornictis J. A. Allen, Journ. Mammalogy, 1: 25, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 135, 11 Apl. 1924. Genotype *Obsornictis piscivora* J. A. Allen.

OSBORNICTIS PISCIVORA J. A. Allen

Osbornictis piscivora J. A. Allen, Journ. Mammalogy, 1: 25, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 140, text-f. 21, 23, A, B; 24, A; 25, A; 26, A, B; 28, A, C; 29, A, C; pls. 18, 19, 11 Apl. 1924. Niapu, Congo Belge.

Poiana Gray. African Linsang

Linsang Gerrard, Cat. Bones Mamm. Brit. Mus., p. 71, 1862 (in part).

Poiana Gray, Proc. Zool. Soc. London, for 1864, p. 520, May 1865. Genotype *Linsang richardsoni* Gerrard = *Genetta poensis* Waterhouse, Proc. Zool. Soc. London, p. 59, 1838 (juv.), not of Waterhouse, ibid. (adult).

Poiana richardsonii richardsonii (Thomson)

Genetta richardsonii Thomson, Ann. Mag. Nat. Hist. (1) 10: 204, Nov. 1842. Fernando Po.

Genetta poensis Waterhouse, Proc. Zool. Soc. London, p. 59, July 1838 (the young individual but not the adult on which the name was based), in part.

Poiana richardsonii liberiensis Pocock

Poiana richardsoni liberiensis Pocock, Proc. Zool. Soc. London, for 1907, p. 1043, pl. 54, f. 3, 4 June 1908. West of Putu Mts., west of Cavally River, Liberia.

Poiana richardsoni leightoni Pocock, Proc. Zool. Soc. London, for 1907, p. 1045, 4 June 1908. West of Putu Mts., Liberia (lapsus cal. for *liberiensis*).

Poiana richardsonii ochracea Thomas and Wroughton

Poiana richardsoni ochracea Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 372, May 1907. Near Yambuya, Aruwimi River, Congo, about 1° N., 25° E.

Viverricula Hodgson

Viverricula Hodgson, Ann. Mag. Nat. Hist. (1) 1: 152, Apl. 1838. Genotype not specified but included *Viverra indica* Geoffroy (= *V. malaccensis* Gmelin) and *V. rape* (= *V. rasse* Horsfield).

Viverricula rasse (Horsfield). The Rasse.

Viverra rasse Horsfield, Zool. Researches in Java, no. 6, pl. and text (unnumbered), 1821. Java.

Viverra schlegelii Pollen, in Schlegel, Nederlandsch Tijdschr. v. Dierkunde, 3: 78, 1866. Islands of Mayotte and Nossi-Faly, northwest of Madagascar. (Introduced).

Range: Java; introduced in Socotra, Madagascar and Comoro Islands.

Subfamily Herpestinæ. Mungooses

(See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 153, 11 Apl. 1924.)

Atilax F. Cuvier. Marsh Mungooses

Atilax F. Cuvier, Hist. Nat. des Mammifères, pt. 54, pl. and text on the "Vansire" (not of Buffon and Daubenton), June 1826. Genotype *Herpestes paludinosus* G. Cuvier (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 171, 11 Apl. 1924).

Athylax I. Geoffroy, Mag. de Zool. (2) 1: mammif., art. 4, p. 25, 1839; Gray, Proc. Zool. Soc. London, for 1864, p. 556, 1865. Genotype *Herpestes paludinosus* G. Cuvier.

Atilax paludinosus paludinosus (G. Cuvier)

Mustela galera Schreber, Säugthiere, 3: pl. 135, 1777. Madagascar. This is the Vansire of Buffon and Daubenton, but the name is regarded as unidentifiable (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 163, 11 Apl. 1924).

Mustela voang-shire Zimmermann, Specimen Zoologiæ Geographicæ, p. 487, 1777. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 16: 16, 1 Feb. 1902.

Herpestes paludinosus G. Cuvier, Règne Anim., ed. 2, 1: 158, (Apl.) 1829. Cape of Good Hope.

Mangusta urinatrix A. Smith, Zool. Journ., 4: 437, May, 1829. South Africa.

Herpestes atilax Wagner, Schreber's Säugthiere, Suppl., 2: 305, 1841. South Africa.

Athylax paludosus Gray, Proc. Zool. Soc. London, for 1864, p. 557, May 1865. Cape of Good Hope.

Atilax paludinosus macrodon J. A. Allen

Atilax macrodon J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 205, text-ff. 61, C-D; 62–64, pl. 27, f. 2; 29, 11 Apl. 1924. Niapu, northeastern Congo Belge.

Atilax paludinosus mitis (Thomas and Wroughton)

Herpestes galera mitis Thomas, Proc. Zool. Soc. London, for 1902, 2: 309, Apl. 1903. Zegi, Lake Tana, Ethiopia.

Atilax paludinosus mordax (Thomas)

Mungos paludinosus mordax Thomas, Ann. Mag. Nat. Hist. (8) 10: 588, Dec. 1912. Rombashi River, northwest of north end of Lake Nyasa, Tanganyika Territory.

Atilax paludinosus naso (De Winton)

Herpestes naso De Winton, Bull. Liverpool Museums, 3: 35, pl. 1, 1 text-f., May 1901. Cameroon River, Cameroons.

Mungos paludinosus naso Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 64, 1 Sep. 1917.

Herpestes almodovari Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 2: 139, Mar. 1902. Cape San Juan, Biafra.

ATILAX PALUDINOSUS NIGERIANUS (Thomas)
Mungos naso nigerianus Thomas, Ann. Mag. Nat. Hist. (8) 10: 588, Dec. 1912. Niaji, 20 miles northeast of Oban, Nigeria.

ATILAX PALUDINOSUS PLUTO (Temminck)
Herpestes pluto Temminck, Esquisses Zool. sur la Côte de Guiné, p. 95, 1853. Dabocrom, Gold Coast.
Range: Gold Coast to Sierra Leone.

ATILAX PALUDINOSUS ROBUSTUS Gray
Athylax robustus Gray, Proc. Zool. Soc. London, for 1864, p. 558, text-f. (skull), May 1865. White Nile.

ATILAX PALUDINOSUS RUBELLUS (Thomas and Wroughton)
Mungos paludinosus rubellus Thomas and Wroughton, Proc. Zool. Soc. London, p. 166, 17 Sep. 1908. Tambarara, Gorongoza district, Mozambique.

ATILAX PALUDINOSUS RUBESCENS (Hollister)
Mungos paludinosus rubescens Hollister, Proc. Biol. Soc. Washington, 25: 1, 23 Jan. 1912. Mt. Kilimanjaro, Tanganyika Territory. 4000 ft.

ATILAX PALUDINOSUS SPADICEUS Cabrera
Atilax paludinosus spadiceus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 262, 14 Oct. 1921. Cape San Juan, Spanish Guinea.

ATILAX PALUDINOSUS TRANSVAALENSIS Roberts
Atilax paludinosus transvaalensis Roberts, Ann. Transvaal Mus., 15: 266, 1 Aug. 1933. Mokeetsi, northern Transvaal.

BDEOGALE Peters

Bdeogale Peters, Mitth. Ges. Naturf. Freunde, Berlin, 19 Nov. 1850; Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852. Genotype *Bdeogale crassicauda* Peters.

BDEOGALE CRASSICAUDA CRASSICAUDA Peters
Bdeogale crassicauda Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852; Reise nach Mossambique, Säugeth., p. 119, 120, pl. 27, 1852. Tette, Boror, Mozambique, 17°–18° S.

BDEOGALE CRASSICAUDA OMNIVORA Heller
Bdeogale crassicauda omnivora Heller, Smithsonian Misc. Coll., 61: no. 13, p. 12, 16 Sep. 1913. Mazeras, Kenya Colony.

Bdeogale puisa Peters

Bdeogale puisa Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 82, Feb. 1852; Reise nach Mossambique, Säugeth., p. 124, pl. 28, 1852. Mossimbōa, Mozambique, 11° S.

Bdeogale tenuis Thomas and Wroughton

Bdeogale tenuis Thomas and Wroughton, Proc. Zool. Soc. London, p. 168, 17 Sep. 1908. Zanzibar Island.

Crossarchus F. Cuvier

Crossarchus F. Cuvier, Hist. Nat. des Mammifères, pt. 47, plate and text, p. 3, Feb. 1825. Genotype *Crossarchus obscurus* F. Cuvier.

Crossarchus alexandri Thomas and Wroughton

Crossarchus alexandri Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 373, May 1907. Banzyville, Ubangi, Congo Belge.

Crossarchus ansorgei Thomas

Crossarchus ansorgei Thomas, Ann. Mag. Nat. Hist. (8) 5: 195, Feb. 1910. Dalla Tando, northern Angola.

Crossarchus gambianus (Ogilby)

Herpestes gambianus Ogilby, Proc. Zool. Soc. London, p. 102, 9 Oct. 1835. Gambia.

Crossarchus obscurus F. Cuvier

Crossarchus obscurus F. Cuvier, Hist. Nat. des Mammifères, pt. 47, pl. and p. 3, text, Feb. 1825. West Africa, probably southern Gambia.

Herpestes punctatissimus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 108, 1853. Gaboon River.

Cynictis Ogilby. Mierkat

Cynictis Ogilby, Proc. Zool. Soc. London, p. 48, 24 May 1833. Genotype *Cynictis steedmanni* Ogilby = *Herpestes penicillatus* G. Cuvier.

Cynictis penicillata penicillata (G. Cuvier)

Herpestes penicillatus G. Cuvier, Règne Anim., ed. 2, 1: 158, (Apl.) 1829. Cape of Good Hope.

Mangusta levaillantii A. Smith, Zool. Journ., 4: 437, May 1829. South Africa.

Cynictis steedmanni Ogilby, Proc. Zool. Soc. London, p. 49, 24 May 1833. "Uitenhage, on the borders of Caffraria," Cape of Good Hope.

Cynictis typicus A. Smith, South African Quart. Journ., 2: 116, 1834. South Africa.

CYNICTIS PENICILLATA BRACHYURA Roberts
Cynictis penicillata brachyura Roberts, Ann. Transvaal Mus., 10: 68, 31 Jan. 1924. Boschkop, near Johannesburg, Transvaal.

CYNICTIS PENICILLATA BRADFIELDI Roberts
Cynictis penicillata bradfieldi Roberts, Ann. Transvaal Mus., 10: 69, 31 Jan. 1924. "Quickborn," Okahandja district, Southwest Africa.

CYNICTIS PENICILLATA BECHUANÆ Roberts
Cynictis penicillata bechuanæ Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932. Gaberones, Bechuanaland, South Africa.

CYNICTIS PENICILLATA CINDERELLA Thomas
Cynictis bradfieldi cinderella Thomas, Proc. Zool. Soc. London, p. 375, 12 July 1927. Ondongwa, central Ovamboland, Southwest Africa.
Range: Between Windhoek and Bechuanaland border.

CYNICTIS PENICILLATA COOMBSI Roberts
Cynictis penicillata coombsi Roberts, Ann. Transvaal Mus., 13: 90, 6 July 1929. Swarthoek, Zoutpansberg, Transvaal.

CYNICTIS PENICILLATA INTENSA Schwann
Cynictis penicillata intensa Schwann, Proc. Zool. Soc. London, p. 104, 7 June 1906. Deelfontein, Cape Colony.
Range: Central Cape Colony.

CYNICTIS PENICILLATA KALAHARICA Roberts
Cynictis penicillata kalaharica Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932. Kaotwe Pan, central Kalahari, Bechuanaland, South Africa.

CYNICTIS PENICILLATA LEPTURA (A. Smith)
Cynictis lepturus A. Smith, Illustr. Zool. South Africa, Mamm., pl. 17 and text, Sep. 1839. South Africa, "arid plains towards the Tropic of Capricorn."
Range: Desert from Kuruman to northern Bechuanaland.

CYNICTIS PENICILLATA OGILBYI (A. Smith)
Mangusta ogilbyi A. Smith, South African Quart. Journ., 2: 117, 1834. Western Orange Free State.
Cynictis penicillata ogilbyi Shortridge, Mammals South West Africa, 1: 141, 1934.
Range: Great Karoo.

CYNICTIS PENICILLATA PALLIDIOR Thomas and Schwann

Cynictis penicillata pallidior Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 5, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 175, 9 June 1904. Klipfontein, Little Namaqualand, Southwest Africa.

DOLOGALE Thomas

Dologale Thomas, Ann. Mag. Nat. Hist. (9) 17: 183, Jan. 1926. Genotype *Crossarchus dybowskii* Pousargues.

DOLOGALE DYBOWSKII (Pousargues)

Crossarchus dybowskii Pousargues, Bull. Soc. Zool. de France, 18: 51, 1893; Nouv. Arch. Mus. d' Hist. Nat., Paris, (3) 6: 121, pl. 1, 1894. Ubangi, Congo Belge.

For characters and synonymy, see Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 626–630, Dec. 1936.

Herpestes (*Calogale*) *nigripes* Kershaw, Ann. Mag. Nat. Hist. (9) 13: 22, Jan. 1924. Moru district, Mongalla, Anglo-Egyptian Sudan. See Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 629, Dec. 1936, as to status.

Helogale hirtula robusta J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 183, text-f. 44D, 47, 48, pl. 24, f. 1, 11 Apl. 1924. Faradje, northeastern Congo Belge. See Hayman, R. W., Ann. Mag. Nat. Hist. (10) 18: 629, Dec. 1936, as to status.

EUPLERES Doyère

Eupleres Doyère, Bull. Soc. des Sci. Nat., Paris, no. 3, p. 45, Mar. 1835; Ann. des Sci. Nat., Zool., (2) 4: 280, pl. 8, Nov. 1835. Genotype *Eupleres goudotii* Doyère.

EUPLERES GOUDOTII Doyère

Eupleres goudotii Doyère, Bull. Soc. des Sci. Nat., Paris, no. 3, p. 45, Mar. 1835; Ann. des Sci. Nat., Zool., (2) 4: 281, pl. 8, Nov. 1835. Tamatave, eastern Madagascar.

EUPLERES MAJOR Lavauden

Eupleres major Lavauden, Compt. Rend. Acad. Sci. Paris, 189: 198, 1929. Forests near Beangona, Valley of Sombirano, northern Madagascar.

GALERELLA Gray

Galerella Gray, Proc. Zool. Soc. London, for 1864, p. 564, May 1865. Genotype *Herpestes ochraceus* Gray.

See J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 175–179, 11 Apl. 1924, for history of name.

GALERELLA OCHRACEA OCHRACEA (Gray)

Herpestes ochraceus Gray, Proc. Zool. Soc. London, for 1848, p. 138, 1 June 1849. Abyssinia (Ethiopia).

GALERELLA OCHRACEA BOCAGEI (Thomas and Wroughton) ? generic reference uncertain.

Herpestes bocagei Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 170, Aug. 1905. Caconda, Benguella, Angola.

Herpestes gracilis var. *punctulatus* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 179, Dec. 1889 (not of Gray, 1849). Caconda, also Humbe and interior, Angola.

GALERELLA OCHRACEA FULVIDIOR (Thomas)

Herpestes ochraceus fulvidior Thomas, Ann. Mag. Nat. Hist. (7) 14: 97, Aug. 1904. Mandeira, south of Berbera, Somaliland, 3500 ft.

GALERELLA OCHRACEA PERFULVIDA (Thomas)

Herpestes ochraceus perfulvidus Thomas, Ann. Mag. Nat. Hist. (7) 14: 96, Aug. 1904. Wardair, northeast of Gerlogobi, central Somaliland.

GALERISCUS Thomas

Galeriscus Thomas, Ann. Mag. Nat. Hist. (6) 13: 522, June 1894. Genotype *Galeriscus jacksoni* Thomas.

See Matschie, P., Die Säugethiere Deutsch-Ost-Afrikas, p. 147, 1895 (a *Bdeogale*, not a mustelid as originally described); Pocock, R. I., Ann. Mag. Nat. Hist. (8) 17: 179, Feb. 1916; Thomas, Ann. Mag. Nat. Hist. (10) 1: 344, Mar. 1928 (valid genus for *jacksoni* and *Bdeogale nigripes*).

GALERISCUS JACKSONI Thomas

Galeriscus jacksoni Thomas, Ann. Mag. Nat. Hist. (6) 13: 522, June 1894. Mianzini, near Lake Naivasha, Kenya Colony.

GALERISCUS NIGRIPES (Pucheran)

Bdeogale nigripes Pucheran, Rev. et Mag. de Zool., (2) 7: 111, Feb. 1855. Gaboon.

Galeriscus nigripes Thomas, Ann. Mag. Nat. Hist. (10) 1: 344, Mar. 1928.

GALIDIA I. Geoffroy

Galidia I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 580, 1837; Ann. des Sci. Nat., zool., (2) 8: 251, Oct. 1837. Genotype by elimination, *Galidia elegans* I. Geoffroy.

GALIDIA ELEGANS I. Geoffroy

Mustela afra Kerr, in Linnæus's Animal Kingdom, p. 175, 1792. Based on the "Vansire" of Madagascar, =?*Galidia elegans* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 167, 17 Sep. 1908).

Galidia elegans I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837. Madagascar.

GALIDICTIS I. Geoffroy

Galictis I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837 (not of Bell, 1826). Genotype *Mustela striata* E. Geoffroy.

Galidictis I. Geoffroy, Mag. de Zool.,(2) 1: Mamm., art. 5, p. 33, footnote, 37, footnote, pls. 18, 19, 1839. Genotype *Mustela striata* E. Geoffroy.

GALIDICTIS FASCIATA (Gmelin)

Viverra fasciata Gmelin, Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 92, 1788. Based on "Le Chat Sauvage à bandes noires des Indes" of Sonnerat, but clearly from Madagascar (see Schwarz, E., Ann. Mag. Nat. Hist. (8) 7: 638, June 1911).

Viverra striata Desmarest, Encyclop. Méthodique, Mammalogie, p. 210, 1820. "La côte de Coromandel," but actually Madagascar. (Not *Mustela striata* E. Geoffroy.)

GALIDICTIS ORNATA Pocock

Galidictis ornatus Pocock, Ann. Mag. Nat. Hist. (8) 16: 118, pl. 7, f. 2, Aug. 1915. Andevoranto, east coast of Madagascar.

GALIDICTIS STRIATA (E. Geoffroy)

Mustela striata E. Geoffroy, Dictionnaire Class. d'Hist. Nat., 10: 214, June 1826 (not *Viverra striata* Desmarest which is a synonym of *Galidictis fasciata* (Gmelin)). Madagascar.

Pocock (Ann. Mag. Nat. Hist. (8) 16: 115, Aug. 1915) shows that the new form he describes as *Galidictis eximius* "certainly agrees" essentially with E. Geoffroy's description of *Mustela striata*, of which it must be regarded as a synonym.

Galidictis vittata Schinz, Syst. Verzeichn. Säugeth., 1: 360, 1844. Madagascar. The name is based primarily on the *G. vittata* of I. Geoffroy (Mag. de Zool., (2) 1: 32, pl. 18, 1839), which is probably the same as *G. striata* (E. Geoffroy), not *G. vittata* Gray, 1848.

Galidia decemlineata A. Grandidier, Revue et Mag. de Zool., (2) 19: 85, Mar. 1867. West coast of Madagascar.

Galidictis vittata, var. *rufa* A. Grandidier, Revue et Mag. de Zool., (2) 21: 338, Sep. 1869. Madagascar.

Galidictis eximius Pocock, Ann. Mag. Nat. Hist. (8) 16: 116, pl. 7, f. 1, Aug. 1915. Ambinanindrano, eastern Madagascar.

Helogale Gray. Dwarf Mungooses

Helogale Gray, Proc. Zool. Soc. London, for 1861, p. 308, text-f. (skull), Apl. 1862. Genotype *Herpestes parvulus* Sundevall.

Helogale brunnula brunnula Thomas and Schwann

Helogale brunnula Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 33, p. 10, 5 June 1906; Proc. Zool. Soc. London, p. 581, 10 Oct. 1906. Klein Letaba, Zoutpansberg district, northeastern Transvaal, 1050 ft.

Helogale brunnula brunetta Thomas

Helogale brunetta Thomas, Proc. Zool. Soc. London, 1: 293, 29 Apl. 1926. Rua Cana Falls, Cunene River, northwestern Ovamboland, Southwest Africa.

Helogale brunnula ruficeps Kershaw

Helogale brunnula ruficeps Kershaw, Ann. Mag. Nat. Hist. (9) 10: 103, July 1922. Monze, 200 miles south of N'dola, northwestern Rhodesia.

Helogale hirtula hirtula Thomas

Helogale hirtula Thomas, Ann. Mag. Nat. Hist. (7) 14: 97, Aug. 1904. Gabridehari, 60 miles west of Gerlogobi, Somaliland.

Helogale hirtula ahlselli Lönnberg

Helogale hirtula ahlselli Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912; Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: 70, pl. 2, f. 4, 5; pl. 5 (col., type), 26 June 1912. Thornbush north of Northern Guaso Nyiro, Kenya Colony.

Helogale hirtula annulata Drake-Brockman

Helogale hirtula annulata Drake-Brockman, Ann. Mag. Nat. Hist. (8) 10: 612, Dec. 1912. Afgo, Webi Shebeli, near Mogadishu, Italian Somaliland.

Helogale hirtula lutescens Thomas

Helogale hirtula lutescens Thomas, Ann. Mag. Nat. Hist. (8) 8: 725, Dec. 1911. Plains near north end of Lake Rudolf, Abyssinia (Ethiopia).

Helogale hirtula powelli Drake-Brockman

Helogale hirtula powelli Drake-Brockman, Ann. Mag. Nat. Hist. (8) 10: 612, Dec. 1912. Eil Hur, near Obbia, Italian Somaliland.

For H. T. Powell, Treasurer of Somaliland Protectorate.

Helogale ivori Thomas

Helogale ivori Thomas, Ann. Mag. Nat. Hist. (9) 4: 31, July 1919. Lumbo, Mozambique.

For Hon. Ivor Montague.

HELOGALE MACMILLANI Thomas

Helogale macmillani Thomas, Ann. Mag. Nat. Hist. (7) 18: 300, Oct. 1906. Delbena River, Konso, Abyssinia.

HELOGALE MIMETRA Thomas

Helogale mimetra Thomas, Ann. Mag. Nat. Hist. (9) 17: 183, Jan. 1926. Ganguela, Angola.

HELOGALE PARVULA PARVULA (Sundevall)

Herpestes parvulus Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 4, 121, 1846. "E Caffraria superiore, juxta tropicum."

HELOGALE PARVULA NERO Thomas

Helogale parvula nero Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928. Okorosave, Kaokoveld, Southwest Africa.

Helogale bradfieldi Roberts, Ann. Transvaal Mus., 12: 323, 29 Dec. 1928. Waterberg, Southwest Africa.

HELOGALE PERCIVALI PERCIVALI Thomas

Helogale percivali Thomas, Ann. Mag. Nat. Hist. (8) 8: 724, Dec. 1911. Orr Valley, near Mt. Nyiro, northern Kenya Colony, 4500 ft.

HELOGALE PERCIVALI TENEBROSA Lönnberg

Helogale percivali tenebrosa Lönnberg, Revue Zool. Africaine, 5: 175, 30 Apl. 1918. Kerio River, near Mt. Elgon, Kenya Colony.

HELOGALE UNDULATA UNDULATA (Peters)

Herpestes undulatus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852; Reise nach Mossambique, Säugeth., p. 114, pl. 25, 1852. Mossimbõa, Mozambique.

HELOGALE UNDULATA AFFINIS Hollister

Helogale undulata affinis Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 7, 10 Feb. 1916. Summit of Mt. Lololokwi, Kenya Colony, 6000 ft.

HELOGALE UNDULATA ATKINSONI Thomas

Helogale atkinsoni Thomas, Ann. Mag. Nat. Hist. (6) 20: 378, Oct. 1897. Hargaisa, Somaliland, 1500 m.

HELOGALE UNDULATA RUFULA Thomas

Helogale undulata rufula Thomas, Ann. Mag. Nat. Hist. (8) 5: 194, Feb. 1910. Rogoro, Kikuyu, Kenya Colony.

HELOGALE VARIA Thomas

Helogale varia Thomas, Proc. Zool. Soc. London, 1: 119, 1 June 1902. Northern Nyasaland.

HELOGALE VETULA Thomas

Helogale vetula Thomas, Ann. Mag. Nat. Hist. (8) 8: 724, Dec. 1911. Lamu, coast of Kenya Colony.

HELOGALE VICTORINA VICTORINA Thomas

Helogale victorina Thomas, Proc. Zool. Soc. London, 1: 120, 1 June 1902. Nassa, Speke Gulf, Lake Victoria, Kenya Colony.

HELOGALE VICTORINA OCHRACEA Thomas

Helogale victorina ochracea Thomas, Ann. Mag. Nat. Hist. (8) 5: 194, Feb. 1910. Ketoma, Ankole, southern Uganda.

HERPESTES Illiger. Gray Mungooses

Ichneumon Lacépède, Tabl. des Div., Ord. Gen. Mamm., p. 7, 1799. Genotype *Viverra ichneumon* Gmelin; preoccupied by *Ichneumon* Linnæus, 1758, in Hymenoptera.

Mungos Geoffroy and Cuvier, Mag. Encyclopéd., 2: 184, 1795 (in part).

Herpestes Illiger, Prodromus Syst. Mamm. et Avium, p. 135, 1811 (*Herpertes* corrected to *Herpestes* in Errata, p. 302). Genotype *Viverra ichneumon* Gmelin.

Mangusta Horsfield, Zool. Researches in Java, pt. v, pl. and text, 1824 (in part). Genotype not specified, but four species are included; description based chiefly on *Mangusta* (=*Herpestes*) *javanica*.

HERPESTES ICHNEUMON ICHNEUMON (Linnæus)

Viverra ichneumon Linnæus, Syst. Nat., ed. 10, 1: 43, 1758. Egypt, "ad ripas Nili."

Ichneumon pharaon Lacépède, Mém. de l'Inst. Nat. des Sci. et Arts, sci. math. et phys., Paris, 3: 492, 1801.

Viverra egypti Tiedemann, Zool., 1: 364, 1808.

Ichneumon major E. Geoffroy, Description de l'Egypte, 2: 139, footnote, 1818. Egypt. See Thomas and Wroughton, Proc. Zool. Soc. London, p. 167, 17 Sep. 1908.

HERPESTES ICHNEUMON ANGOLENSIS Bocage

H[erpestes] angolensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 32, 1890. Quissange, Angola.

HERPESTES ICHNEUMON CAFER (Gmelin)

Viverra cafra Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, 85, 1788. Cape of Good Hope (based on description of a specimen from the Cape, in Schreber's Säugthiere, 3: 434, 1778). It is doubtful whether Schreber's description does not refer rather to a *Myonax*.

Viverra nems Kerr, Linnæus's Animal Kingdom, p. 160, 1792. "East coast of Africa," but supposed by Thomas and Wroughton (Proc. Zool. Soc. London, p. 167, 17 Sep. 1908) to be probably an Indian species; the description seems to be based on Schreber's account of a mungoose which Gmelin independently named *Viverra cafra* in 1788.

Herpestes madagascarensis A. Smith, South African Quart. Journ., 2: 114, 1834. Madagascar (introduced).

Herpestes Bennettii Gray, Charlesworth's Mag. Nat. Hist., 1: 578, Nov. 1837. Madagascar (introduced).

Herpestes dorsalis Gray, Proc. Zool. Soc. London, for 1864, p. 549, May 1865. South Africa; based on *Ichneumon pharaonis*, var. A. Smith.

HERPESTES ICHNEUMON CENTRALIS (Lönnberg)

Mungos ichneumon centralis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 61, 1 Sep. 1917. Beni, Congo Belge.

HERPESTES ICHNEUMON FUNESTUS (Osgood)

Mungos ichneumon funestus Osgood, Publ. Field Mus. Nat. Hist., zool. ser 10: no. 3, p. 17, 7 Apl. 1910. Naivasha, Kenya Colony.

HERPESTES ICHNEUMON MABABIENSIS Roberts

Herpestes cafer mababiensis Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932: Tsotsoroga Pan, Mababe Flats, Bechuanaland, South Africa.

HERPESTES ICHNEUMON NUMIDICUS (F. Cuvier)

Ichneumon numidicus F. Cuvier, Hist. Nat. des Mammifères, pt. 68, pl. 191, and text, 1834. Algeria.

Herpestes ichneumon numidicus Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 149, 30 Dec. 1932.

Herpestes numidianus Gray, Proc. Zool. Soc. London, for 1864, p. 550, May 1865. Numidia.

Range: Northern Morocco and Algeria.

HERPESTES ICHNEUMON PARVIDENS (Lönnberg)

Mungos ichneumon parvidens Lönnberg, Arkiv f. Zool., 4: no. 16, p. 3, 29 Apl. 1908. Mukimbungu, below Manyanga, Lower Congo, Congo Belge.

HERPESTES ICHNEUMON SABIENSIS Roberts

Herpestes caffer sabiensis Roberts, Ann. Transvaal Mus., 11: 249, 14 Sep. 1926. Sabi Game Reserve, eastern Transvaal.

HERPESTES ICHNEUMON SANGRONIZI Cabrera

Herpestes ichneumon sangronizi Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 217, 28 Apl. 1924; Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 151, pl. 6, 30 Dec. 1932. Mogador, Morocco.

Range: Southwestern Morocco.

ICHNEUMIA I. Geoffroy. White-tailed Mungooses

Lasiopus I. Geoffroy, in Gervais's Resumé des Leçons de Mammalogie, professées au Mus. Paris, 1: 37, 1835. Genotype *Herpestes albicaudus* G. Cuvier (not *Lasiopus* Dejean, 1833, in Coleoptera).

Ichneumia I. Geoffroy, Ann. des Sci. Nat., Zool. (2) 8: 251, 1837. New name to replace *Lasiopus*, same genotype.

ICHNEUMIA ALBICAUDA ALBICAUDA (G. Cuvier)

Herpestes albicaudus G. Cuvier, Règne Anim., ed. 2, 1: 158, 1829. Senegal.

Herpestes leucurus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, fol. h, i, k, pl. 12, Sep. 1832. Dongola, Anglo-Egyptian Sudan.

Ichneumia albescens I. Geoffroy, Mag. de Zool., mamm., p. 16 of description accompanying pl. 12, 1839. Sennaar; ? Dongola.

Ichneumia abu-wudan Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 561, 1866. Berbera, Somaliland.

ICHNEUMIA ALBICAUDA DIALEUCOS (Hollister)

Mungos albicaudus dialeucos Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 6, 10 Feb. 1916. Mt. Lololokwi, Kenya Colony.

ICHNEUMIA ALBICAUDA GRANDIS (Thomas)

Herpestes grandis Thomas, Proc. Zool. Soc. London, for 1889, p. 622, pl. 62 (skull and teeth), Apl. 1890. ?Limpopo or Zululand, South Africa.

ICHNEUMIA ALBICAUDA HAAGNERI Roberts

Ichneumia grandis haagneri Roberts, Ann. Transvaal Mus., 10: 68, 31 Jan. 1924. Bridgewater, Rustenburg district, Transvaal.

ICHNEUMIA ALBICAUDA IBEANA (Thomas)

Herpestes albicaudus ibeanus Thomas, Ann. Mag. Nat. Hist. (7) 13: 409, June 1904. Athi-ya-Maui (Stony Athi), Kenya Colony.

Mungos albicaudus ferox Heller, Smithsonian Misc. Coll., 61: no. 13, p. 11, 16 Sep. 1913. Changamwe, Kenya Colony.

ICHNEUMIA ALBICAUDA LOANDÆ (Thomas)

Herpestes albicaudus loandæ Thomas, Ann. Mag. Nat. Hist. (7) 13: 408, text-f. b, June 1904. Pungo Andongo, northern Angola.

ICHNEUMIA ALBICAUDA LOEMPO (Temminck)

Herpestes loempo Temminck, Esquisses Zool. sur la Côte de Guiné, p. 93, 1853 (not of Gray, 1865). Guinea Coast.

Ichneumia nigricauda Pucheran, Rev. et Mag. de Zool. (2) 7: 394, Aug. 1855. Senegal.

MUNGOS E. Geoffroy and G. Cuvier

Mungos E. Geoffroy and G. Cuvier, Magasin Encyclopédique, 2: 184, 187, 1795. Genotype *Viverra mungo* Gmelin.

Ariela Gray, Proc. Zool. Soc. London, for 1864, p. 565, May 1865. Genotype *Herpestes tænionotus* (A. Smith).

Mungos Gray, Proc. Zool. Soc. London, for 1864, p. 575, May 1865. Genotype *Mungos fasciatus* Gray = *Herpestes mungo* Desmarest.

Crossarchus auct. recent., not F. Cuvier, (in part).

MUNGOS MUNGO MUNGO (Gmelin). Banded Mungoose

Viverra mungo Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 84, 1788. Supposed to be Asia, but in reality Africa, taken as Cape of Good Hope (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 155–156, 11 Apl. 1924).

Herpestes fasciatus Desmarest, Dictionnaire des Sci. Nat., 29: 58, 1823. "L'Inde."

Ichneumon tænionotus A. Smith, South African Quart. Journ., 2: 114, 1834. Natal.

MUNGOS MUNGO BORORENSIS Roberts

Mungos mungo bororensis Roberts, Ann. Transvaal Mus., 13: 88, 6 July 1929. Buruma's Village, Boror, Mozambique.

MUNGOS MUNGO CAURINUS Thomas

Mungos caurinus Thomas, Ann. Mag. Nat. Hist. (9) 17: 182, Jan. 1926. Gunnal, Portuguese Guinea.

MUNGOS MUNGO COLONUS (Heller)

Crossarchus fasciatus colonus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 16, 28 Feb. 1911. Southern Guaso Nyiro, Sotik district, Kenya Colony.

MUNGOS MUNGO GOTHNEH (Heuglin and Fitzinger)

Herpestes gothneh Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 560, 1866. Kordofan.

Herpestes adailensis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28: no. 10, p. 5, pl. 2, f. 4 (skull), 1861; Petermann's Geogr. Mittheil., p. 17, 1861. Adail coast, Red Sea.

Herpestes leucostethicus Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 561, 1866. Junction of the Sobat and Bahr-el-Abiad, Anglo-Egyptian Sudan.

MUNGOS MUNGO GRISONAX Thomas
Mungos mungo grisonax Thomas, Proc. Zool. Soc. London, p. 294, 29 Apl. 1926. Otjumbumbi, 15 miles above Cunene Falls, Southwest Africa.

MUNGOS MUNGO MACRURUS (Thomas)
Crossarchus fasciatus macrurus Thomas, Ann. Mag. Nat. Hist. (7) 19: 120, Jan. 1907. Ruwenzori Southeast, Uganda.
Crossarchus fasciatus macrosus Lydekker, Zool. Record for 1907, Mammalia, p. 61, 1908 (lapsus for *macrurus*).

MUNGOS MUNGO MANDJARUM (Schwarz)
Crossarchus fasciatus mandjarum Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk. in Wiesbaden, 68: 63, 1915. Bate, Cameroons.

MUNGOS MUNGO NGAMIENSIS Roberts
Mungos mungo ngamiensis Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland, South Africa.

MUNGOS MUNGO PALLIDIPES Roberts
Mungos mungo pallidipes Roberts, Ann. Transvaal Mus., 13: 69, 6 July 1929. Mooivlei, Rustenburg district, Transvaal.

MUNGOS MUNGO ROSSI Roberts
Mungos mungo rossi Roberts, Ann. Transvaal Mus., 13: 89, 6 July 1929. Lake Bangweolo, Rhodesia.

MUNGOS MUNGO SENESCENS (Thomas and Wroughton)
Crossarchus fasciatus senescens Thomas and Wroughton, Proc. Zool. Soc. London, p. 291, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

MUNGOS MUNGO SOMALICUS (Thomas)
Crossarchus somalicus Thomas, Ann. Mag. Nat. Hist. (6) 15: 531, June 1895. Sunerdorler, Webi Shebeli, Somaliland, 1500 feet.

MUNGOS MUNGO TALBOTI (Thomas and Wroughton)
Crossarchus talboti Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 374, May 1908. Bornu, northern Nigeria.

MUNGOS MUNGO ZEBRA (Rüppell)
Herpestes zebra Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 30, pl. 9, f. 2; pl. 10, f. 1, 1835. Lowlands of Kulla and at Massawa, Eritrea.

MUNGOS MUNGO ZEBROIDES (Lönnberg)
Crossarchus zebroides Lönnberg, Arkiv f. Zool., 4: no. 16, p. 7, 29 Apl. 1908. Mukimbungu, below Manyanga, Lower Congo.

Mungotictis Pocock

Mungotictis Pocock, Ann. Mag. Nat. Hist. (8) 16: 120, Aug. 1915. Genotype *Mungotictis lineatus* Pocock = *Galidictis vittatus* Gray, 1848, not Schinz, 1844.

Mungotictis lineata Pocock

Galidictis vittata Gray, Proc. Zool. Soc. London, p. 22, pl. 1, Mamm., 1 Aug. 1848. Tulyah Bay, Madagascar (not *Galidictis vittatus* Schinz, 1844).

Mungotictis lineatus Pocock, Ann. Mag. Nat. Hist. (8) 16: 506, Dec. 1915 (new name for *Galidictis vittata* Gray, 1848, not of Schinz, 1844). Madagascar.

Mungotictis substriata Pocock

Mungotictis substriatus Pocock, Ann. Mag. Nat. Hist. (8) 16: 121, pl. 7, f. 4, Aug. 1915. Madagascar.

Myonax Thomas. Black-tipped Mungooses

Galerella Gray, Proc. Zool. Soc. London, for 1864, p. 509, May 1865 (in part); J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 175, 11 Apl. 1924. Genotype *Herpestes ochraceus* Gray.

Calogale Gray, Proc. Zool. Soc. London, for 1864, p. 509, 560, May 1865 (in part); Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 438, 1914 (in part). Genotype *Herpestes nepalensis* Gray.

Myonax Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928. Genotype *Herpestes gracilis* Rüppell.

Review: Wroughton, R. C. On the African mungooses usually referred to the *Herpestes gracilis* group. Ann. Mag. Nat. Hist. (7) 20: 110–121, Aug. 1907.

Schwarz (Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935) regards *Myonax* as inseparable from *Galerella*.

Myonax cauui cauui (A. Smith)

Ichneumon cauui A. Smith, Rept. Exped. for Exploring Central Africa, app., p. 42, 1836. Kurrichane, northwestern Transvaal.

Herpestes punctulatus Gray, Proc. Zool. Soc. London, p. 11, 11 Dec. 1849. Port Natal, South Africa = Durban, Natal.

Herpestes ornatus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 81, Feb. 1852; Reise nach Mossambique, Säugeth., p. 117, pl. 26, 1852. Tette, Mozambique.

Calogale venatica Gray, Proc. Zool. Soc. London, for 1864, p. 563, May 1865. "East Africa."

MYONAX CAUUI BRADFIELDI Roberts
Myonax cauui bradfieldi Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932. Quickborn Farm, 60 miles north of Okahandja, Southwest Africa.

MYONAX CAUUI CALDATUS (Thomas)
Herpestes cauui caldatus Thomas, Proc. Zool. Soc. London, p. 374, 12 July 1927. Sandfontein, Gobabis-Bechuanaland border, Southwest Africa.

MYONAX CAUUI KALAHARICUS Roberts
Myonax cauui kalaharicus Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932. Gemsbok Pan, Bechuanaland, South Africa.

MYONAX CAUUI KAOKOENSIS Roberts
Myonax cauui kaokoensis Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932. Okorosave, Kaokoveld, Southwest Africa.

MYONAX CAUUI KHANENSIS Roberts
Myonax cauui khanensis Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932. Khan Mountains, east of Swakopmund, Southwest Africa.

MYONAX CAUUI LANCASTERI Roberts
Myonax cauui lancasteri Roberts, Ann. Transvaal Mus., 15: 4, 1 Oct. 1932. Kafue River, Northern Rhodesia.

MYONAX CAUUI NGAMIENSIS Roberts
Myonax cauui ngamiensis Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland, South Africa.

MYONAX CAUUI OKAVANGENSIS Roberts
Myonax cauui okavangensis Roberts, Ann. Transvaal Mus., 15: 3, 1 Oct. 1932. Karakuwise, Grootfontein district, Southwest Africa.

MYONAX CAUUI SWALIUS (Thomas)
Herpestes cauui swalius Thomas, Proc. Zool. Soc. London, p. 292, 29 Apl. 1926. Great Brukaros Mountain, Great Namaqualand, Southwest Africa, 3500 feet.

MYONAX CAUUI SWINNYI (Roberts)
Mungos caaui (sic) *swinnyi* Roberts, Ann. Transvaal Mus., 4: 75, 20 Oct. 1913. Ngqeleni district, Pondoland, Cape of Good Hope.

MYONAX DENTIFER (Heller)
Mungos dentifer Heller, Smithsonian Misc. Coll., 61: no. 13, p. 10, 16 Sep. 1913. Maji-ya-Chumvi, Kenya Colony.

MYONAX GRANTII (Gray)

Calogale grantii Gray, Proc. Zool. Soc. London, for 1864, p. 561, May 1865. Mgunda Mkali, Tanganyika Territory.

Herpestes neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 121, 1894. Tisso, northern Ugogo, Tanganyika Territory.

MYONAX IGNITUS (Roberts)

Mungos ignitus Roberts, Ann. Transvaal Mus., 4: 76, 20 Oct. 1913. Malava, Boror, Mozambique.

MYONAX NIGRATUS NIGRATUS Thomas

Myonax nigratus Thomas, Ann. Mag. Nat. Hist. (10) 2: 408, Nov. 1928. Okorosave, Kaokoland, Southwest Africa.

MYONAX NIGRATUS SHORTRIDGEI Roberts

Myonax shortridgei Roberts, Ann. Transvaal Mus., 15: 1, 1 Oct. 1932. Cunene Falls, South Africa.

MYONAX PULVERULENTUS PULVERULENTUS (Wagner)

Herpestes pulverulentus Wagner, Gelehrte Anzeigen d. K. Bayer. Akad. Wiss., München, 9: 426, 12 Sep. 1839. Cape of Good Hope.

Herpestes apiculatus Gray, Proc. Zool. Soc. London, for 1864, p. 551, May 1865. Cape of Good Hope.

MYONAX PULVERULENTUS BASUTICUS Roberts

Myonax pulverulentus basuticus Roberts, Ann. Transvaal Mus., 18: 253, 21 Feb. 1936. Senqunyane Valley, Maluti Mountains, Basutoland.

MYONAX PULVERULENTUS MARITIMUS (Roberts)

Mungos pulverulentus maritimus Roberts, Ann. Transvaal Mus., 6: 114, Apl. 1919. Lambert's Bay, Cape of Good Hope.

MYONAX RATLAMUCHI RATLAMUCHI (A. Smith). Ruddy Mungoose

Ichneumon ratlamuchi A. Smith, Rept. Exped. for Exploring Central Africa, app., p. 42, 1836. "Between Latakoo and the Tropic," South Africa.

Herpestes badius A. Smith, Illustr. Zool. South Africa, Mamm., pl. 4, and text, 1838. Between Old Latakoo and Kurrichane, 120 miles eastward, Transvaal, South Africa.

MYONAX RATLAMUCHI AURATUS (Thomas and Wroughton)

Mungos auratus Thomas and Wroughton, Proc. Zool. Soc. London, p. 543, 30 Oct. 1908. Tette, Mozambique.

MYONAX RATLAMUCHI IGNITOIDES Roberts

Myonax auratus ignitoides Roberts, Ann. Transvaal Mus., 15: 2, 1 Oct. 1932. Macequece, Mozambique.

MYONAX RATLAMUCHI RUFESCENS (Lorenz)

Herpestes ornatus rufescens Lorenz, Abh. Senckenburg. Naturf. Ges., Frankfurt a. M., 21: 462, 1898. Island of Zanzibar.

Mungos melanurus lasti Wroughton, Ann. Mag. Nat. Hist. (7) 20: 114, Aug. 1907. Zanzibar Island.

MYONAX RATLAMUCHI UPINGTONI Shortridge

Myonax ratlamuchi upingtoni Shortridge, Mammals of South West Africa, 1: 124, footnote, 1934. Between Upington and Louisvale, Orange River.

MYONAX RUDDI (Thomas)

Herpestes ruddi Thomas, Ann. Mag. Nat. Hist. (7) 12: 465, Oct. 1903. Klipfontein, Little Namaqualand, Southwest Africa.

MYONAX SANGUINEUS SANGUINEUS (Rüppell)

Herpestes sanguineus Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 27, pl. 8, f. 1; pl. 10, f. 3, 1835. Kordofan.

MYONAX SANGUINEUS CANUS (Wroughton)

Mungos melanurus canus Wroughton, Ann. Mag. Nat. Hist. (7) 20: 114, Aug. 1907. Cape Verde.

MYONAX SANGUINEUS FLAVESCENS (Bocage)

Herpestes gracilis var. *flavescens* Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 1: 179, Dec. 1889. Benguella, Angola. (Specific reference uncertain.)

MYONAX SANGUINEUS GALBUS (Wroughton)

Mungos sanguineus galbus Wroughton, Ann. Mag. Nat. Hist. (8) 3: 514, June 1909. Mubende, Uganda.

MYONAX SANGUINEUS GRACILIS (Rüppell)

Herpestes gracilis Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, 1: 29, pl. 8, f. 2; pl. 10, f. 2, 1835. Near Massawa, Eritrea.

Ichneumia nigricaudatus Geoffroy, Mag. de Zool., (2) 1: 18, 1839. Abyssinia; renaming of *Ichneumia gracilis* Rüppell.

Herpestes galinieri Guérin, in Ferret and Galinier's Voyage en Abyssinie, 3: 169, atlas, zool., pl. 1, fig. 1, 1847. Ethiopia. (On the plate the name is credited to Pucheran.)

Herpestes lefebvrii Prévost and Desmurs, in Lefebvre's Voyage en Abyssinie, atlas, zool., pl. 1, fig. 1, index, 1850. Abyssinia.

Herpestes ochromelas Pucheran, Rev. et Mag. de Zool., (2) 7: 393, Aug. 1855. Renaming of *H. gracilis* Rüppell, and of Prévost and Desmurs.

Herpestes jodoprymnus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29: no. 8, p. 23, 1861. Eastern Abyssinia (Ethiopia).

Herpestes ruficauda Heuglin, Reise in Nordost-Afrika, 2: 43, 1877. Highlands of Wolo-Gala, Abyssinia, 12,000 ft.

MYONAX SANGUINEUS IBEÆ (Wroughton)

Mungos sanguineus ibeæ Wroughton, Ann. Mag. Nat. Hist. (7) 20: 118, Aug. 1907. Kikuyu, Kenya Colony.

Calogale elegans Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 456, Dec. 1914. Kikuyu (Fort Smith), Kenya Colony.

Calogale maræ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 453, Dec. 1914. On the Ngare Mbusse, a southern tributary of the Ngare Dobasch (Mara), between Lake Natron and Lake Victoria, Tanganyika Territory.

MYONAX SANGUINEUS MELANURUS (Martin)

Cynictis melanurus Martin, Proc. Zool. Soc. London, p. 56, 13 Sep. 1836. Sierra Leone.

Galerella sanguinea melanura Schwarz, Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935.

MYONAX SANGUINEUS MUSTELA (Schwarz)

Galerella sanguinea mustela Schwarz, Ann. Mag. Nat. Hist. (10) 15: 300, Feb. 1935. Efulen, Ebolowa district, southern Cameroons.

MYONAX SANGUINEUS MUTGIGELLA (Rüppell)

Herpestes mutgigella Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 29, pl. 9, f. 1, 1835. Dembea and Simen districts, Abyssinia (Ethiopia).

Herpestes fuscus Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., 1: 31, footnote, pl. 10, f. 4 (skull), 1835. Name given inadvertently to dark phase of *H. mutgigella*.

Herpestes mutscheltschela Heuglin, Reise in Nordost-Afrika, 2: 41, 1877 (emendation).

MYONAX SANGUINEUS ORESTES (Heller)

Mungos sanguineus orestes Heller, Smithsonian Misc. Coll., 56: no. 17, p. 15, 28 Feb. 1911. West slope of Mt. Kenya, Kenya Colony, 8500 ft.

MYONAX SANGUINEUS PARVIPES (Hollister)

Mungos sanguineus parvipes Hollister, Smithsonian Misc. Coll., 66: no. 1, p. 5, 10 Feb. 1916. Kaimosi, Kenya Colony.

MYONAX SANGUINEUS PHŒNICURUS (Thomas)

Mungos phœnicurus Thomas, Ann. Mag. Nat. Hist. (8) 10: 280, Sep. 1912. Panyam, Bauchi Province, northern Nigeria.

MYONAX SANGUINEUS PROTEUS (Thomas)

Mungos gracilis proteus Thomas, Ann. Mag. Nat. Hist. (7) 19: 119, Jan. 1907. Ruwenzori East, Uganda, 7000 ft.

MYONAX SANGUINEUS RENDILIS (Lönnberg)
Mungos sanguineus rendilis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: no. 5, p. 66, pl. 2, f. 3 (skull), 26 June 1912. Thornbush country, north of Northern Guaso Nyiro, Kenya Colony.

MYONAX SANGUINEUS SAHARÆ (Thomas)
Herpestes phœnicurus saharæ Thomas, Ann. Mag. Nat. Hist. (9) 16: 189, July 1925. Aouderas, Asben, French Equatorial Africa.

MYONAX SANGUINEUS UGANDÆ (Wroughton)
Mungos sanguineus ugandæ Wroughton, Ann. Mag. Nat. Hist. (8) 3: 514, June 1909. Entebbe, Uganda.

MYONAX SANGUINEUS ZOMBÆ (Wroughton)
Mungos melanurus zombæ Wroughton, Ann. Mag. Nat. Hist. (7) 20: 115, Aug. 1907. Zomba, Nyasaland.

The status of the following is uncertain: —

Calogale bruneo-ochracea Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 451, Dec. 1914. Mengo, Uganda.
Calogale conradsi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 454, Dec. 1914. Ukerewe Id., Lake Victoria, Tanganyika Territory.
Calogale emini Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 452, Dec. 1914. Bukoba, Lake Victoria, Tanganyika Territory.
Calogale ererensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 449, Dec. 1914. Erer River, east of Harar, northern Gallaland, Abyssinia (Ethiopia).
Calogale erlangeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 445, Dec. 1914. Near Dadab, hinterland of Zeila, on road to Harar, Abyssinia (Ethiopia).
Calogale flaviventris Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 454, Dec. 1914. Tchamliho Mts., north of middle Ruwana River, east side of Lake Victoria.
Calogale lademanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 441, Dec. 1914. Bubu, near Kondoa Irangi, Tanganyika Territory.
Calogale mossambica Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 438, Dec. 1914. On the Cabaceira, Mozambique.
Calogale ruasæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 449, Dec. 1914. Mission station of Ruasa near Lake Luhondo, northeast of Lake Kivu, Tanganyika Territory.
Calogale schimperi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 444, Dec. 1914. Hamedo Plains, Tigre, Abyssinia (Ethiopia).
Calogale türstigi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 446, Dec. 1914. Uplands of Erkauit, southwest of Suakin, Anglo-Egyptian Sudan.

Paracynictis Pocock

Paracynictis Pocock, Ann. Mag. Nat. Hist. (8) 17: 177, Feb. 1916. Genotype *Cynictis selousi* de Winton.

Paracynictis selousi selousi (De Winton)

Cynictis selousi De Winton, Ann. Mag. Nat. Hist. (6) 18: 469, Dec. 1896 (skull); Proc. Zool. Soc. London, 1: 2–3, pl. 1 (colored; exterior), 1 June 1901. Essex Vale, near Bulawayo, Matabeleland, Southern Rhodesia.

Paracynictis selousi bechuanæ Roberts

Paracynictis selousi bechuanæ Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct. 1932. Tsessebe Siding, Tati district, Bechuanaland, South Africa.

Paracynictis selousi ngamiensis Roberts

Paracynictis selousi ngamiensis Roberts, Ann. Transvaal Mus., 15: 5, 1 Oct. 1932. 30 miles northwest of Maun, Lake Ngami, Bechuanaland.

Paracynictis sengaani Roberts

Paracynictis sengaani Roberts, Ann. Transvaal Mus., 14: 227, pls. 6, 7, 8, ff. a, 28 July 1931. Maputa, northern Zululand, Natal.

Rhynchogale Thomas

Rhynchogale Thomas, Proc. Zool. Soc. London, p. 139, June 1894. Genotype *Rhinogale melleri* Gray.

Rhinogale Gray, Proc. Zool. Soc. London, for 1864, p. 573, text-f. (cranium), May 1865; not of Gloger, 1842. Genotype *Rhinogale melleri* Gray.

Rhynchogale caniceps Kershaw

Rhynchogale caniceps Kershaw, Ann. Mag. Nat. Hist. (9) 13: 79, Jan. 1924. Near Mbweni, 2.5 miles west of Kilosa, Tanganyika Territory.

Rhynchogale melleri (Gray)

Rhinogale melleri Gray, Proc. Zool. Soc. London, for 1864, p. 575, text-f. (cranium), May 1865. "East Africa" = Zomba, Nyasaland.

Salanoia Gray

Galidia I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 580, 1837; Ann. des Sci. Nat., Zool., (2) 8: 251, Oct. 1837 (in part). Genotype *Galidia elegans;* originally included also *G. unicolor* and *G. olivacea*, now placed in *Salanoia.*

Salanoia Gray, Proc. Zool. Soc. London, for 1864, p. 523, May 1865. As a subgenus of *Galidia* to include *Galidia concolor* I. Geoffroy and *G. olivacea* I. Geoffroy. Genotype here designated as *Galidia olivacea* I. Geoffroy.

Hemigalidia Mivart, Proc. Zool. Soc. London, p. 143, June 1882. Genotype *Galidia olivacea* I. Geoffroy.

Salanoia olivacea (I. Geoffroy)

Galidia olivacea I. Geoffroy, Mag. de Zool. (2) 1: mamm., art. 5, p. 38, pl. 16, 1839. Madagascar.

Salanoia unicolor (I. Geoffroy)

Galidia unicolor I. Geoffroy, Compt. Rend. Acad. Sci. Paris, 5: 581, 1837. Madagascar.

Galidia concolor I. Geoffroy, Mag. de Zool. (2) 1: mamm., art. 5, p. 30, pl. 15, 1839. Madagascar.

Suricata Desmarest

Suricata Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 15, 1804. Genotype *Suricata capensis* Desmarest = *Viverra suricatta* Erxleben.

Ryzæna Illiger, Prodromus Syst. Mamm. et Avium, p. 134, 1811. Includes *Viverra tetradactyla* Schreber and *V. zenik* Gmelin.

Rizæna Blainville, Nouv. Dictionnaire d'Hist. Nat., 9: 339, 1817 (misprint). No species given.

Rysæna Lesson, Manuel de Mammalogie, p. 178, 1827 (lapsus).

Rhyzæna Wagner, Schreber's Säugthiere, Suppl., 2: 330, 1841 (emendation). Genotype *Rhyzæna* (= *Viverra*) *tetradactyla* Schreber.

Suricata suricatta suricatta (Erxleben). Slender-tailed Mierkat

Viverra suricatta Erxleben, Syst. Regni Animalis, p. 488, 1777. "ad caput Bonæ Spei?"

Viverra tetradactyla Schreber, Säugthiere, 3: 434, pl. 117, 1778. Cape of Good Hope.

Mus zenik Scopoli, Deliciæ Faunæ et Flor. Insubricæ, 2: 84, 1786. No locality; based on Sonnerat, Voy. à la Chine, 2: 145, pl. 92, 1782.

Suricata capensis Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 15, 1804. Near Cape of Good Hope.

Surikata viverrina Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 32: 297, pl. 27, f. 2, 1819. Cape of Good Hope.

Ryzæna surakatta A. Smith, Descrip. Cat. So. African Mus., p. 32, 1826.

Rhyzæna typicus A. Smith, South African Quart. Journ., 2: 117, 1834. South Africa.

Suricata suricatta hahni Thomas

Suricata suricatta hahni Thomas, Proc. Zool. Soc. London, p. 376, 12 July 1927. Gobabis, Southwest Africa.

SURICATA SURICATTA HAMILTONI Thomas and Schwann

Suricata suricatta hamiltoni Thomas and Schwann, Proc. Zool. Soc. London, 1: 133, 1 June 1905. Wakkerstroom, Transvaal.

SURICATA SURICATTA LOPHURUS Thomas and Schwann

Suricata suricatta lophurus Thomas and Schwann, Proc. Zool. Soc. London, 1: 133, 1 June 1905. Near Grahamstown, Cape Colony.

Range: Southeastern Cape Colony.

SURICATA SURICATTA MARJORIÆ Bradfield

Suricata marjoriæ Bradfield, Description of New Races of Kalahari Birds and Mammals, (privately printed), Benoni, South Africa, p. 1, 26 Sep. 1935; The Auk, 53: 131, Jan. 1936 (reprinted). Saltpan, 10 miles north of Swakopmund, Southwest Africa.

SURICATA SURICATTA NAMAQUENSIS Thomas and Schwann

Suricata suricatta namaquensis Thomas and Schwann, Proc. Zool. Soc. London, 1: 134, 1 June 1905. Klipfontein, Little Namaqualand, Cape Colony.

XENOGALE J. A. Allen

Xenogale J. A. Allen, Journ. Mammalogy, 1: 26, 28 Nov. 1919. Genotype *Xenogale microdon* J. A. Allen.

XENOGALE MICRODON J. A. Allen

Xenogale microdon J. A. Allen, Journ. Mammalogy, 1: 27, 28 Nov. 1919; Bull. Amer. Mus. Nat. Hist., 47: 199, text-f. 58–60, 61, A, B, pl. 27, 11 Apl. 1924. Akenge, Niapu, northeastern Congo Belge.

Family PROTELIDÆ. Aard-wolves

PROTELES I. Geoffroy. Aard-wolf

Proteles I. Geoffroy, Mém. Mus. d'Hist. Nat., Paris, 11: 355, pl. 20, 1824. Genotype *Proteles lalandii* I. Geoffroy = *Viverra cristata* Sparrman.

Geocyon Wagler, Naturl. Syst. d. Amphibien, p. 30, 1830. Genotype *Proteles lalandii* I. Geoffroy.

PROTELES CRISTATUS CRISTATUS (Sparrman)

Viverra cristata Sparrman, Resa Goda-Hopps-Udden, 1: 581, 1783. Near Little Fish River, Somerset East, Cape Colony.

Viverra hyenoides Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 538, 1821. Cape of Good Hope.

Proteles lalandii I. Geoffroy, Mém. Mus. d'Hist. Nat., Paris, 11: 371, pl. 20, 1824. Near Algoa Bay, Cape of Good Hope.

Proteles typicus A. Smith, South African Quart. Journ., 2: 96, 1834. South Africa.

PROTELES CRISTATUS HARRISONI W. Rothschild

Proteles cristatus harrisoni W. Rothschild, Novitates Zool., 9: 443, July 1902. Umpata, Mossamedes district, southern Angola.

PROTELES CRISTATUS PALLIDIOR Cabrera

Proteles cristatus pallidior Cabrera, Ann. Mag. Nat. Hist. (8) 6: 464, Nov. 1910. Suakin, Nubia.

PROTELES CRISTATUS SEPTENTRIONALIS W. Rothschild

Proteles cristatus septentrionalis W. Rothschild, Novitates Zool., 9: 443, July 1902. Somaliland.

PROTELES CRISTATUS TERMES Heller

Proteles cristatus termes Heller, Smithsonian Misc. Coll., 61: no. 13, p. 9, 16 Sep. 1913. Kabalolot Hill, headwaters of Amala River, west of Loita Plains, Kenya Colony.

PROTELES CRISTATUS TRANSVAALENSIS Roberts

Proteles cristata transvaalensis Roberts, Ann. Transvaal Mus., 15: 6, 1 Oct. 1932. Roodekuil, Pretoria, Transvaal.

Family HYÆNIDÆ. Hyenas

CROCUTA Kaup. Spotted Hyenas

Crocuta Kaup, Oken's Isis, 21: column 1145, 1828. Genotype *Canis crocuta* Erxleben.

Crocotta Kaup, Skizzirte Entw.-Geschichtl. u. Natürl. Syst. Europ. Thierwelt, 1: 78, 1829. Genotype *Canis crocuta* Erxleben.

CROCUTA CROCUTA CROCUTA (Erxleben)

Canis crocuta Erxleben, Systema Regni Animalis, p. 578, 1777. ". . . ad caput Bonæ Spei," = Senegambia (see Cabrera, A., Proc. Zool. Soc. London, p. 95, 1911).

Hyæna maculata Thunberg, Mém. Acad. Imp. Sci. St. Pétersbourg, 3: 302, 1811. South Africa.

Hyæna rufa Desmarest, Nouveau Dict. d'Hist. Nat., 15: 499, 1817. Cape of Good Hope. Based on G. Cuvier's account in Recherches sur Ossemens Foss.

Hyæna capensis Desmarest, Nouveau Dict. d'Hist. Nat., 15: 499, 1817. Cape of Good Hope.

Hyæna maculata Ödmann, Kongl. Svenska Vet.-Akad. Handl., Stockholm, p. 70, 1820. Cape of Good Hope (renaming of Erxleben's *H. crocuta*).

Hyæna encrita A. Smith, Trans. Linn. Soc. London, 15: 461, 1827. Misprint for *crocuta*.

Hyæna cuvieri Boitard, Le Jardin des Plantes, p. 223, 1842. Cape of Good Hope.

Hyæna (*Crocotta*) *wissmanni* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 22, 1900. Epukiro, Southwest Africa.

Hyæna (*Crocotta*) *gariepensis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 25, 1900. Bamboo Mts., between the Orange, Count Reynett and Cradock, north of the Liqua River, South Africa.

Hyæna weissmanni Trouessart, Cat. Mamm. Viv. Foss., part 1, p. 243, 1904 (errorim).

Crocuta crocuta fisi Heller

Crocuta crocuta fisi Heller, Smithsonian Misc. Coll., 61: no. 22, p. 5, 26 Jan. 1914. Merelle waterholes, Marsabit Road, northern Kenya Colony.

Crocuta crocuta fortis J. A. Allen

Crocuta crocuta fortis J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 214, 11 Apl. 1924. Faradje, northeastern Congo Belge.

Crocuta crocuta germinans (Matschie)

Hyæna (*Crocotta*) *germinans* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 26, 1900. Lake Rukwa, Tanganyika Territory.

Crocotta kibonotensis Lönnberg, Wiss. Ergebn. Schwed. Zool. Exp. Kilimandjaro 1905–06, u. Leitung Sjöstedt, Mammals, p. 16, pl. 5, f. 1; pl. 7, f. 1, 1908. Kibonoto steppe, Kilimanjaro, Tanganyika Territory.

Crocotta panganensis Lönnberg, Wiss. Ergebn. Schwed. Zool. Exp. Kilimandjaro, 1905–06, u. Leitung Sjöstedt, Mammals, p. 18, pl. 5, f. 2; pl. 7, f. 2, 1908. Kibonoto, Kilimanjaro, Tanganyika Territory.

Crocuta nzoyæ Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 11: 200, Apl. 1911. Nzoia River, Guas Ngishu plateau, Kenya Colony.

Crocuta nyasæ Cabrera, Proc. Zool. Soc. London, p. 99, 22 Mar. 1911. Mt. Milanji, southern Nyasaland.

Crocuta crocuta habessynica (Blainville)

Hyæna crocuta habessynica Blainville, Ostéographie, 2: les hyènes, p. 82; atlas, pl. 6, fig. of teeth, 1844. Abyssinia (implied).

Hyæna (*Crocuta*) *leontiewi* Satunin, Zool. Anzeiger, 29: 556, 28 Nov. 1905. Abyssinia (=Ethiopia), exact locality unknown.

Crocuta rufopicta Cabrera, Proc. Zool. Soc. London, p. 97, 22 March 1911. Odweina, 100 miles south of Berbera, Somaliland.

Crocuta thomasi Cabrera, Proc. Zool. Soc. London, p. 98, 22 Mar. 1911. Ankole, Uganda.

CROCUTA CROCUTA THIERRYI (Matschie)

Hyæna (Crocotta) thierryi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 30, 1900. Sansanne Mangu, northern Togo, (now French West Africa).

Hyæna (Crocotta) togoensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 31, 1900. Kratyi, or Krachi, Togo (now French West Africa).

Hyæna (Crocotta) noltei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 211, 2 text-figs., 1900. Upper Sanaga, South Cameroons.

HYÆNA Brisson. Striped Hyenas

Hyæna Brisson, Regnum Animale in Classes IX Distrib., ed. 2, pp. 13, 169, 1762. Genotype *Hyæna hyæna* Brisson = *Canis hyæna* Linnæus, of India.

Euhyæna Falconer, Palæontol. Memoirs, 2: 464, 1868. As a subgenus of *Hyæna;* type *Canis hyæna* Linnæus.

Review: Pocock, R. I. The races of the Striped and Brown Hyenas. Proc. Zool. Soc. London, for 1934, p. 799–825, 14 Jan. 1935.

HYÆNA BRUNNEA BRUNNEA Thunberg. Brown Hyena

Hyæna brunnea Thunberg, Kongl. Svenska Vet.-Akad. Handl., Stockholm, p. 59, pl. 2, 1820. Cape of Good Hope.

Hyæna fusca E. Geoffroy, Dictionnaire Class. d' Hist. Nat., 8: 444, pl. 14, f. 2, Sep. 1825. No locality.

Hyæna villosa A. Smith, Trans. Linn. Soc. London, 15: 461, pl. 19, 1827. South Africa.

HYÆNA BRUNNEA MELAMPUS Pocock

Hyæna brunnea melampus Pocock, Proc. Zool. Soc. London, for 1934, p. 824, 14 Jan. 1935. Otjitundua, central Kaokoveld, Southwest Africa, 4500 ft.

Range: Kaokoveld, Damaraland, and Upington district, about 500 miles inland from coast, Southwest Africa.

HYÆNA HYÆNA BARBARA Blainville

Hyæna vulgaris barbara Blainville, Ostéographie, Mamm., 2: les Hyènes, pp. 6, 81; atlas, pls. 2, 6, 1844. Oran, western Algeria.

Hyæna suilla Filippi, Mem. Real Accad. Sci. Torino, (2) 13: 131, 1853. Locality unknown.

HYÆNA HYÆNA DUBBAH Meyer

Hyæna dubbah F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 94, 1793. Atbara, Anglo-Egyptian Sudan; based on Bruce's Travels to discover Source of Nile, 5: 115, pl. 26, 1791, German ed.

Canis hyænomelas Desmarest, Encyclop. Méthodique, Mammalogie, p. 215, footnote, 1820. Atbara, Anglo-Egyptian Sudan (based on Latreille's reference to Bruce in Sonnini's ed. of Buffon, Hist. Nat., 27: 25, 1800).

Hyæna dubia Schinz, Das Thierreich von Cuvier, 4: 509, 1825. Dongola.

Hyæna hienomelas Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 53, 1900. Atbara, Anglo-Egyptian Sudan (based on Bruce's description).

Hyæna (*Hyæna*) *schillingsi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1900. West Njiri Swamp, Massi plains, near Kilimanjaro, Tanganyika Territory.

Hyæna (*Hyæna*) *hienomelas bergeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 365, Oct. 1910. Elgeyo Escarpment, east of Sirgoi, Kenya Colony.

Hyæna schillingsi rendilis Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 64, Jan. 1912. North of Northern Guaso Nyiro, Kenya Colony.

HYÆNA HYÆNA VULGARIS Desmarest

Hyæna vulgaris Desmarest, Encyclop. Méthodique, Mammalogie, p. 215, 1820. No exact locality, but assigned by Geoffroy and Cuvier (Hist. Nat. des Mamm., 1: no. 146 and text, Sep. 1819) to Egypt.

Family FELIDÆ. Cats

Subfamily CRYPTOPROCTINÆ

CRYPTOPROCTA Bennett

Cryptoprocta Bennett, Proc. Zool. Soc. London, p. 46, 24 May 1833. Genotype *Cryptoprocta ferox* Bennett.

CRYPTOPROCTA FEROX Bennett. Le Fosa

Cryptoprocta ferox Bennett, Proc. Zool. Soc. London, p. 46, 24 May 1833. Madagascar.

Cryptoprocta typicus A. Smith, South African Quart. Journ., 2: 134, 1834. Madagascar.

Subfamily FELINÆ. Typical Cats

ACINONYX Brookes. Cheetahs

Acinonyx Brookes, Cat. Anat. and Zool. Mus. of Joshua Brookes, p. 16, 1828. Genotype *Acinonyx venator* Brookes = *Felis venatica* H. Smith.

Cynailurus Wagler, Natürl. Syst. Amphib., p. 30, 1830. Genotype *Felis jubata* Linnæus.

Guepardus Duvernoy, L'Institut, Paris, 2: 145, 5 May 1834. Genotype not specified; includes *Guepardus flavus* Schreber (pl. 105) and *Felis guttata* Hermann.

Guepar Boitard, Le Jardin des Plantes, p. 174, 1842. No type specified; included *Guepar jubatus* (Schreber) and *Felis guttata* Hermann.

Cynofelis Lesson, Nouv. Table Règne Anim., Mamm., p. 48, 1842. Included *Felis jubata* Schreber and *F. guttata* Hermann, of which the latter is excluded, leaving the former as genotype.

Gueparda Gray, List Spec. Mamm. Brit. Mus., p. 46, 13 May 1843. Genotype *Felis jubata* Schreber.

ACINONYX JUBATUS JUBATUS (Schreber). South African Cheetah

Felis jubata Schreber, Säugthiere, 3: 392, 586, pl. 105, 1776. Cape of Good Hope (see Hollister, Proc. Biol. Soc. Washington, 24: 225, 31 Oct. 1911; also Hilzheimer, M., Sitzb. Ges. Naturf. Freunde, Berlin, p. 283–292, 4 text-f., 1913, who believes Schreber's figure is that of an Indian cheetah).

Felis fearonii A. Smith, South African Quart. Journ., 2: 245, 1834. Northeast of Natal.

Felis fearonis Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 664, 1869. Cape of Good Hope.

Felis lanea P. L. Sclater, Proc. Zool. Soc. London, p. 532, Oct. 1877. Beaufort West, Cape of Good Hope.

ACINONYX JUBATUS HECKI Hilzheimer

Acinonyx hecki Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 288, text-f. 1, 1913. Senegal, West Africa.

Felis jubata senegalensis Blainville, Ostéographie, Felis, atlas, pl. 10, 1843. Senegal. Not *Felis leo senegalensis* von Meyer, 1826.

ACINONYX JUBATUS NGORONGORENSIS Hilzheimer

Acinonyx guttatus ngorongorensis Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 290, text-f. 3, 1913. Ngorongoro, south of Lake Natron, Tanganyika Territory.

ACINONYX JUBATUS OBERGI Hilzheimer

Acinonyx guttatus obergi Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 289, text-f. 2, 1913. Ketmannshoop, Southwest Africa.

ACINONYX JUBATUS RAINEYI Heller

Acinonyx jubatus raineyi Heller, Smithsonian Misc. Coll., 61: no. 19, p. 9, 8 Nov. 1913. Ulu Station, Kapiti Plains, Kenya Colony.

ACINONYX JUBATUS SOEMMERINGII (Fitzinger)

Cynailurus soemmeringii Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 17: pt. 2, p. 245, 1855. Steppes of Kababish, south of Bajuda Desert, Kordofan, Anglo-Egyptian Sudan.

Felis megabalica Heuglin, Leopoldina, Amtliche Organ K. Leop.-Carol. Deutsch. Akad. d. Naturf., 4: no. 3, p. 23, May 1863. West bank of Bahr-el-Abiad, Anglo-Egyptian Sudan.

Acinonyx wagneri Hilzheimer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 285, 1913. Kordofan (based on description of specimen collected by Rüppell, in Wagner's Schreber's Säugthiere, Suppl., 2: 503, 1841).

Acinonyx jubatus velox Heller

Acinonyx jubatus velox Heller, Smithsonian Misc. Coll., 61: no. 19, p. 7, 8 Nov. 1913. Agate's, Loita Plains, Kenya Colony.

Acinonyx rex Pocock

Acinonyx rex Pocock, Abstr. Proc. Zool. Soc. London, no. 283, p. 18, 1 Mar. 1927; Proc. Zool. Soc. London, p. 250, pl. 1 (col.), text-f. 6, 8, 6 Apl. 1927. Umvukwe Range, northwest of Salisbury, Rhodesia.

Cabrera (Los mamíferos de Marruecos, p. 191, 1932) regards this as an individual variation of the usual type of Cheetah found in Rhodesia.

Caracal Gray. Caracals

Caracal Gray, List Spec. Mamm. Brit. Mus., p. 46 (as *Caracala* on p. xx), 13 May 1843 (nomina nuda); Proc. Zool. Soc. London, p. 277, Oct. 1867. Genotype *Caracal melanotis* Gray = *Felis caracal* Schreber.

Lynx G. Fischer, Zoognosia, 3: 229, 1814, in part. Genotype *Felis lynx* Linnæus.

Urolynchus Severtzow, Rev. et Mag. de Zool., (2) 10: 389, Sep. 1858. Genotype *Felis caracal* Schreber.

Caracal caracal caracal (Schreber). The Cape Caracal.

Felis caracal Schreber, Säugthiere, pl. 110, before July, 1776; text, 3: 413, 587, 1777. Table Mountain, Cape of Good Hope. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 279, 11 Apl. 1924, as to type locality and authority.

Caracal melanotis Gray, List Spec. Mamm. Brit. Mus., p. 46, 13 May 1843; Cat. Carnivorous, Pachyd. and Edentate Mamm. Brit. Mus., p. 38, 1869. Substitute for *Felis caracal* Schreber (the specific name is a barbaric word said to mean black-eared). Cape of Good Hope.

Caracal caracal algirus (A. Wagner)

Felis caracal P. L. S. Müller, Linné's Natursystems, Suppl., p. 30, 1776, not *F. caracal* Schreber. "Arabia," but probably near Constantine, Algeria, based on "le Caracal" of Buffon (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 280, 11 Apl. 1924).

Felis caracal, var. *algira* A. Wagner, in M. Wagner, Reisen in d. Regenschaft Algier, 3: 76, pl. 4, 1841. Algeria.

Caracal berberorum Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 114, 1892. Constantine, Algeria.

Felis (Caracal) berberorum spatzi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 61, 1912. Between Feriana and Tebessa, Tunis.

C[aracal] berberorum medjerdae Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 62, 1912. Tunis.

Felis (Caracal) nubicus corylinus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 63, 1912. Type purchased in Hamburg from a ship sailing from a Morocco harbor, and supposed to be from Tangiers.

Caracal caracal coloniæ Thomas

Caracal caracal coloniæ Thomas, Ann. Mag. Nat. Hist. (9) 17: 181, Jan. 1926. Deelfontein, central Cape Colony, South Africa.

Caracal caracal damarensis (Roberts)

Lynx caracal damarensis Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Quickborn, Okahandja, Damaraland, Southwest Africa.

Caracal caracal limpopoensis (Roberts)

Lynx caracal limpopoensis Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Njellele River, north of Zoutpansberg, near Limpopo River, northern Transvaal.

Caracal caracal lucani (Rochebrune)

Lynx lucani Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Landana, northern Angola, north of the Congo mouth.
Possibly valid race.

Caracal caracal nubicus (J. B. Fischer)

Felis caracal γ nubicus J. B. Fischer, Synopsis Mamm., p. 210, 1829. Nubia (implied).

Caracal caracal pœcilotis Thomas and Hinton

Caracal caracal pœcilotis Thomas and Hinton, Novitates Zool., 28: 3, May 1921. Mt. Baguezan, Asben, northern Nigeria.

Caracal caracal roothi (Roberts)

Lynx caracal roothi Roberts, Ann. Transvaal Mus., 11: 247, 14 Sep. 1926. Elandshoek, Drakensberg, Barberton district, Transvaal.

Felis Linnæus

Note: The old genus *Felis* Linnæus was used in a widely inclusive sense, and has in later years been variously divided into groups by different authors, some of whom give generic, others subgeneric rank to all or certain ones of these divisions. At present, a conservative treatment suggests retaining most of the groups in a subgeneric sense as members of *Felis*. See Allen, J. A., Severt-

zow's classification of the Felidæ, Bull. Amer. Mus. Nat. Hist., 41: 335–340, 22 Sep. 1919; Pocock, R. I., The classification of existing Felidæ, Ann. Mag. Nat. Hist. (8) 20: 328–350, Nov. 1917.

Subgenus Felis Linnæus

Felis Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. Genotype *Felis catus* Linnæus.

Catus Fitzinger, Wiss.-pop. Nat. Säugethiere, 1: 265, 1855. Genotype *Felis catus* Linnæus.

Catolynx Severtzow, Rev. et Mag. de Zool., (2) 10: 389, Sep. 1858. Genotype *Felis caligata* Temminck.

Felis catus Linnæus. House Cat

Felis catus Linnæus, Syst. Nat., ed. 10, 1: 42, 1758. Upsala, Sweden (see Thomas, O., Proc. Zool. Soc. London, p. 136, Mar. 1911).

Domesticated and now occasionally feral in parts of Africa.

Felis obscura Desmarest, Encyclop. Méthodique, Mammalogie, p. 230, 1820. Cape of Good Hope. Status indeterminate; "probably based upon a melanistic specimen of the domestic cat described as *F. torquata*, or upon a mongrel between that breed and *F. ocreata*" (Pocock, R. I., Proc. Zool. Soc. London, p. 669, 9 Oct. 1907).

Felis caligata, β hybrida J. B. Fischer, Synopsis Mamm., p. 209, 1829. The *F. obscura* of Desmarest and Chat noir du Cap of F. Cuvier. In Africa from Egypt to Cape of Good Hope.

Felis bouvieri Rochebrune, ex A. Milne-Edwards MS., Actes Soc. Linn. Bordeaux, (4) 7: 126, 1883. Cape Verde Islands; also found in Senegambia. Probably a breed of *F. catus*.

Felis chaus nilotica De Winton. Swamp Cat

Felis rüppelii (sic) Brandt, Bull. Soc. Imp. des Nat., Moscou, 4: 209, 1832. Egypt. (Not *Felis rüppellii* Schinz, 1825, which is a synonym of *F. lybica ocreata* Gmelin.) Based on *Felis chaus* Rüppell, Atlas zu d. Reise im nördl. Afrika, pt. 1, Zool., pl. 4, 1826.

Felis chaus nilotica De Winton, Ann. Mag. Nat. Hist. (7) 2: 292, Oct. 1898. Near Cairo, Egypt.

Range: Nile Delta, south to Qena Province, and west to about 155 miles west of Alexandria (Flower, S.S., Proc. Zool. Soc. London, p. 390, 8 July 1932).

Felis lybica lybica Forster

Felis lybica Forster, in Buffon's Naturgesch. d. Vierfüss. Thiere, 6: 313, 1780. Gafsa, Tunis (name based on Bruce's description; see Cabrera, A., Los Mamíferos de Marruecos, p. 167, 1932).

Felix (sic) *lynx lybiensis* Kerr, Linnæus's Animal Kingdom, p. 156, 1792. Capsa, Libya.

Felis cristata Lataste, Actes Soc. Linn. Bordeaux, (4) 9: 229, 1885 (not of Falconer and Cautley). Haïdra, Tunis.

Felis lybica cyrenarum Ghigi, Mem. Real. Accad. Sci. Ist. Bologna, cl. di sci. fis., (7) 7: 79, Dec. 1920. Cirene, Cyrenaica, Libya.

Range: Extreme southeastern Morocco, along the northern border of the Sahara to southern Tunis (Cabrera, 1932).

FELIS LYBICA CAFRA Desmarest

Felis cafra Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 540, 1822. South Africa, the Cape of Good Hope.

FELIS LYBICA CONSTANTINA Forster

Felis constantina Forster, in Buffon's Naturgesch. d. Vierfüss. Thiere, 6: 313, 1780. Vicinity of Constantine, Algeria (name based on Buffon's account, derived from James Bruce; see Cabrera, A., Los Mamíferos de Marruecos, p. 169, pl. 7 (col.), 1932).

Felis constantinensis Link, Beytr. Naturgesch., 1: pt. 2, p. 91, 1795 (nomen nudum).

Felis caracal, β algiricus J. B. Fischer, Synopsis Mamm., p. 210, 1829. Algeria (implied).

Felis libyca I. Geoffroy, Descr. d. Collections de V. Jaquemont, Mamm. et Oiseaux, p. 56, 1843. Tangiers.

Felis ocreata mauritana Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 362, July 1906. Mogador, Morocco.

Range: Morocco, from at least the Grand Atlas and Atlantic Ocean on the west, to northern Algiers and Tunis (Cabrera).

FELIS LYBICA GRISELDA Thomas

Felis ocreata griselda Thomas, Ann. Mag. Nat. Hist. (9) 17: 180, Jan. 1926. Fifty miles south of Dombe Grande, Benguella, Angola.

FELIS LYBICA HAUSSA Thomas and Hinton

Felis haussa Thomas and Hinton, Novitates Zool., 28: 2, May 1921. Zinder, northern Nigeria.

FELIS LYBICA MELLANDI Schwann

Felis ocreata mellandi Schwann, Ann. Mag. Nat. Hist. (7) 13: 423, June 1904. Mpika, northeastern Rhodesia.

FELIS LYBICA NAMAQUANA Thomas

Felis ocreata namaquana Thomas, Ann. Mag. Nat. Hist. (9) 17: 180, Jan. 1926. Klipfontein, Little Namaqualand, Southwest Africa.

Range: High desert portion of northwestern South Africa.

Felis lybica nandæ Heller

Felis ocreata nandæ Heller, Smithsonian Misc. Coll., 61: no. 13, p. 14, 16 Sep. 1913. Headwaters of Lukosa River, Nandi Escarpment, Kenya Colony, 7000 feet.

Felis lybica ocreata Gmelin

Felis ocreata Gmelin, Anhang zu Bruce, J., Reisen in Africa, 2: 27, 79, 1791. Ras-el-Fil, north of Lake Tana, Abyssinia (Ethiopia).

Felis guttata Hermann, Observationes Zool., p. 38, 1804. Egypt (by implication). This description, supplied by the editor, Hammer, is regarded by Hollister as probably unidentifiable, and is supposed by Hilzheimer to be a serval, but the size, fulvous ears without white bar, and details of pattern make it almost certainly *F. l. ocreata*.

Felis rüppelii (sic) Schinz, Cuvier's Thierreich, 4: 509, 1824 (not *Felis rüppellii* Brandt, 1832). Dongola.

Felis maniculata Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördl. Afrika, Säugeth., p. 1, pl. 1, 1826. Nubia, west side of Nile at Ambukol.

Felis bubastis Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio jj, Nov. 1832. Egypt (the sacred cat of ancient Egypt).

Felis dongolana Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio jj, Nov. 1832. Egypt.

Felis pulchella Gray, Charlesworth's Mag. Nat. Hist., 1: 577, Nov. 1837. Egypt.

Felis lybica rubida Schwann

Felis ocreata rubida Schwann, Ann. Mag. Nat. Hist. (7) 13: 422, 426, June 1904. Monbuttu (= Niangara), Congo Belge.

Felis lybica rusticana Thomas

Felis ocreata rusticana Thomas, Ann. Mag. Nat. Hist. (10) 1: 319, Feb. 1928. Zuurbron, Wakkerstroom district, Transvaal.

Felis lybica taitæ Heller

Felis ocreata taitæ Heller, Smithsonian Misc. Coll., 61: no. 13, p. 14, 16 Sep. 1913. Voi, Kenya Colony.

Felis lybica ugandæ Schwann

Felis ocreata ugandæ Schwann, Ann. Mag. Nat. Hist. (7) 13: 424, June 1904. Mulema, Uganda, 5000 ft.

Felis lybica vernayi Roberts

Felis ocreata vernayi Roberts, Ann. Transvaal Mus., 15: 6, 1 Oct. 1932. Tsotsoroga Pan, northern Bechuanaland, South Africa.

Felis lybica xanthella Thomas

Felis ocreata xanthella Thomas, Proc. Zool. Soc. London, p. 291, 29 Apl. 1926. Ukualukasi, northwestern Ovamboland, Southwest Africa.

FELIS MARGARITA MARGARITA Loche. Sand Cat

Felis margarita Loche, Rev. et Mag. de Zool. (2) 10: 49, pl. 1, Feb. 1858. Near Négonça, Algeria.

Felis marginata Gray, Proc. Zool. Soc. London, p. 275, 1867 (errorim).

Felis margueritei Trouessart, Causéries Sci. Soc. Zool. de France, 1: 386, Aug. 1905 (emendation on the ground that the spelling should conform to that of Général Margueritte for whom the species was named).

Range: The Algerian Sahara, possibly to Senegal. A distinct species, according to S. S. Flower, confined to sandy deserts.

FELIS MARGARITA AÏRENSIS Pocock

Felis margarita airensis Pocock, Ann. Mag. Nat. Hist. (11) 1: 472, Apl. 1938. In-Abbangarit, west of Aïr, southwestern Sudan.

FELIS MARGARITA MEINERTZHAGENI Pocock

Felis margarita meinertzhageni Pocock, Ann. Mag. Nat. Hist. (11) 1: 472, Apl. 1938. El Golea, Algerian Sahara.

Subgenus LEPTAILURUS Severtzow. Servals

Leptailurus Severtzow, Rev. et Mag. de Zool. (2) 10: 389, Sep. 1858. Genotype *Felis serval* Schreber.

Serval Brehm, Führer Zool. Garten Hamburg, 6 ed., p. 53, 1864. Genotype *Serval maculatus*.

Servalina Grevé, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 63: 76, 1894. Genotype *Felis serval* Schreber.

Galeopardus Heuglin and Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 54: sect. 1, p. 557, 1866. Genotype *Felis serval* Schreber.

FELIS BRACHYURA BRACHYURA Wagner. Small-spotted Serval

Felis servalina Ogilby, Proc. Zool. Soc. London, p. 94, Nov. 1839. Sierra Leone. Not *F. servalina* Jardine, 1837, see Cabrera, A., Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910.

Felis brachyura Wagner, Schreber's Säugthiere, Suppl., 2: 547, 1841. Proposed as a substitute for *Felis servalina* Ogilby, preoccupied by *F. servalina* Jardine, 1837.

Felis ogilbyi Schinz, Synopsis Mamm., 1: 469, 1844. Sierra Leone. Renaming of *Felis servalina* Ogilby, 1839, not *F. servalina* Jardine, 1837, a synonym of *F. ornata*.

Note: This is possibly merely an alternative form of the Serval rather than a distinct species.

FELIS BRACHYURA LIPOSTICTA Pocock

Felis ogilbyi liposticta Pocock, Proc. Zool. Soc. London, p. 666, 9 Oct. 1907. Mombasa, Kenya Colony, but this is doubtless merely the port of shipment, hence the type may have come "from some place on the Mombasa to Uganda Railway," and is probably identical with *F. o. pantasticta*.

Felis servalina larseni Thomas, Ann. Mag. Nat. Hist. (8) 12: 91, July 1913. Near Bembe, Congo district of northern Angola. Lönnberg (Rev. Zool. Africaine, 7: 238, 1920) says this is indistinguishable from *liposticta*.

Felis brachyura pantasticta Pocock

Felis servalina pantasticta Pocock, Proc. Zool. Soc. London, p. 665, pl. 38, f. 3, 9 Oct. 1907. Entebbe, Uganda.

Felis servalina poliotricha Pocock, Proc. Zool. Soc. London, p. 665, 9 Oct. 1907. Monbuttu = Niangara, Congo Belge (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 270, 11 Apl. 1924). A gray phase of *F. b. liposticta* (Lönnberg, E., Rev. Zool. Africaine, 7: 238, 1920).

Felis serval serval Schreber. Large-spotted Serval

Felis serval Schreber, Säugthiere, pl. 108, 1776; text, 3: 407, 587, 1777. Cape of Good Hope. The name is based on Schreber's plate which is a copy of Buffon's plate 34, of Hist. Nat., 13: 1765.

Felis capensis J. R. Forster, Phil. Trans. Roy. Soc. London, 71: pt. 1, p. 4, pl. 1, 1781. Cape of Good Hope.

Felis galeopardus Desmarest, Encyclop. Méthod., Mammalogie, 1: 227, 1820. No locality, name unidentifiable.

Felis serval beiræ Wroughton

Felis capensis beiræ Wroughton, Ann. Mag. Nat. Hist. (8) 5: 206, Feb. 1910. Beira, Mozambique.

Felis serval faradjia (J. A. Allen)

Leptailurus serval faradjius J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 267, pl. 65–70, 74, f. 1, 11 Apl. 1924. Faradje, northeastern Congo Belge.

Felis serval ferrarii de Beaux

Felis capensis ferrarii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 4, July 1924. Giumbo, Italian Somaliland.
For Capt. G. Ferrari, coll.

Felis serval hamiltoni (Roberts)

Leptailurus serval hamiltoni Roberts, Ann. Transvaal Mus., 14: 227, 28 July 1931. 'Mabbaat River, Kruger National Park, Transvaal.

Felis serval hindei Wroughton

Felis capensis hindei Wroughton, Ann. Mag. Nat. Hist. (8) 5: 205, Feb. 1910. Machakos, Kenya Colony.

Felis serval kempi Wroughton

Felis capensis kempi Wroughton, Ann. Mag. Nat. Hist. (8) 5: 206, Feb. 1910. Kirui, Mt. Elgon, Kenya Colony.

FELIS SERVAL KIVUENSIS Lönnberg

Felis serval kivuensis Lönnberg, Rev. Zool. Africaine, 7: 242, 30 Dec. 1919. Kivu district, Congo Belge.

FELIS SERVAL LIMPOPOENSIS (Roberts)

Leptailurus capensis limpopoensis Roberts, Ann. Transvaal Mus., 11: 248, 14 Sep. 1926. Fairfield, Rustenburg, Transvaal.

FELIS SERVAL LÖNNBERGI Cabrera

Felis (Serval) togoensis niger Lönnberg, Zool. Jahrb., Syst., 10: 571, 26 Nov. 1897. Not *Felis nigra* Erxleben, 1777, a melanistic jaguar. Kunene River, opposite mouth of the Kakulovar, southwestern Angola.

Felis serval lönnbergi Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910. Substitute for *Felis togoensis niger* Lönnberg, not *Felis nigra* Erxleben.

FELIS SERVAL MABABIENSIS (Roberts)

Leptailurus serval mababiensis Roberts, Ann. Transvaal Mus., 15: 7, 1 Oct. 1932. Mababe Flats, northern Bechuanaland, South Africa.

FELIS SERVAL PHILLIPSI G. M. Allen

Felis capensis phillipsi G. M. Allen, Bull. Mus. Comp. Zool., 58: 337, July 1914. El Garef, Blue Nile, Anglo-Egyptian Sudan.

FELIS SERVAL POCOCKI Cabrera

Felis senegalensis Lesson, Mag. de Zool., (2) 1: Mamm., pl. 10 and 2 pp. text, 1839. "Les bords du fleuve Sénégal." Not *Felis leo senegalensis* von Meyer, 1826.

Felis serval pococki Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 427, Nov. 1910. Senegal; name proposed in place of *Felis senegalensis* Lesson, preoccupied by *Felis leo senegalensis* von Meyer, 1826.

FELIS SERVAL TOGOENSIS Matschie

Felis (Serval) togoensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109, 1 Mar. 1893. Bismarckburg, Togo, Dahomey.

Subgenus MICROFELIS Roberts

Microfelis Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Genotype *Felis nigripes* Burchell. See Pocock, R. I., Notes upon some African species of the genus *Felis*, based upon specimens recently exhibited in the Society's Gardens, Proc. Zool. Soc. London, p. 669–674, 1907.

Although regarded by Roberts as a full genus, the characters given do not seem to be of more than subgeneric value.

Felis nigripes nigripes Burchell

Felis nigripes Burchell, Travels in Interior of South Africa, 2: 592, footnote, 1824. Batlaping, South Africa.

Range: Sand plains of the Kalahari Desert region.

Felis nigripes thomasi Shortridge

Felis (*Microfelis*) *nigripes thomasi* Shortridge, Records Albany Mus., Grahamstown, 4: 119, pl. 17, 9 Jan. 1931. Thorn Kloof (Carlisle Bridge), near Grahamstown, South Africa.

Subgenus Profelis Severtzow. Golden Cat

Profelis Severtzow, Rev. et Mag. de Zool. (2) 10: 386, 390, Sep. 1858. Type *Felis celidogaster* Temminck = *F. aurata* Temminck.

Chrysailurus Severtzow, Rev. et Mag. de Zool. (2) 10: 389, 390, Sep. 1858. Type *Felis neglecta* Gray = *F. aurata* Temminck.

Catopuma Severtzow, Rev. et Mag. de Zool. (2) 10: 387, 390, Sep. 1858 (subgenus of *Felis*). Type *Felis moormensis* Hodgson = *F. temminckii* Vigors and Horsfield.

Felis aurata aurata Temminck

Felis aurata Temminck, Monographies de Mamm., 1: 120, 1827. No locality.

Felis chrysothrix Temminck, Monographies de Mamm., 1: 251, 1827 (substitute for *F. aurata* Temminck, not Rafinesque).

Felis celidogaster Temminck, Monographies de Mamm., 1: 140, 1827 (the gray phase). Said to have come from Chile or Peru but doubtless from West Africa.

Felis neglecta Gray, Ann. (Mag.) Nat. Hist. (1) 1: 27, Mar. 1838. Sierra Leone.

Felis rutilus Waterhouse, Proc. Zool. Soc. London, for 1842, p. 130, Jan. 1843. Mandingo country, Sierra Leone.

Felis aurata cottoni Lydekker

Felis chrysothrix cottoni Lydekker, Proc. Zool. Soc. London, for 1906, 992, 994, pl. 70, f. 1, 11 Apl. 1907. Ituri Forest, Congo Belge. Probably a valid race (see Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 274, 11 Apl. 1924).

Subgenus Panthera Oken

Panthera Oken, Lehrbuch d. Naturgesch., pt. 3, Zool., sect. 2, p. 1058, 1816. Genotype *Panthera vulgaris* Oken = *Felis pardus* Linnæus.

Leo Oken, Lehrbuch d. Naturgesch., pt. 3, Zool., sect. 2, p. 1070, 1816. Type *Felis leo* Linnæus.

Leopardus Gray, Proc. Zool. Soc. London, for 1857, p. 278, 28 Jan. 1858 (not of Gray, 1842). Genotype *Leopardus hernandesii* Gray.

Jaguarius Severtzow, Rev. et Mag. de Zool., (2) 10: 386, Sep. 1858. Genotype *Panthera* (=*Felis*) *onca* Linnæus.

Leonina Grevé, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 63: no. 1, p. 60, 1894. Subgenus of *Felis*, type *Felis leo* Linnæus.

Review: Pocock, R. I. The leopards of Africa. Proc. Zool. Soc. London, p. 543–591, pl. 1–4, text-f. 1–9, 8 July 1932.

Felis leo leo Linnæus. The Barbary Lion

Felis leo Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. "Africa," fixed as Constantine, Algeria (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 222, 11 Apl. 1924).

Felis leo, race 1, *barbaricus* J. N. von Meyer, Dissertatio Inaug. Anat.-Med. de Genere Felium, p. 6, about 1 Aug. 1826. Barbary.

Felis leo, *a barbarus* J. B. Fischer, Synopsis Mamm., p. 197, 1829. Based on Cuvier's "Lion de Barbarie" =from Constantine, Algeria.

Leo africanus Jardine, Naturalist's Library, Mamm., 2 (Felinæ): 118, 1834. "Africa."

Felis leo nubicus Blainville, Ostéographie, Mammifères, Genus *Felis*, p. 58; atlas, pl. 6, 1843. Nubia.

Felis leo nigra Loche, Exploration Sci. de l'Algérie, Zool., Mamm., p. 35, 1867. Algeria.

Felis leo var. *somaliensis* Noack, Jahrbuch. Hamburg. Wiss. Anstalt., 9: pt. 1, p. 120, 1891. "Somaliland" (type in Berlin Zool. Garden). Status uncertain.

Felis leo azandicus (J. A. Allen).

Leo leo azandicus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 224, pl. 37–40, 11 Apl. 1924. Vankerckhovenville, northeastern Congo Belge.

Felis leo bleyenberghi Lönnberg

Felis leo bleyenberghi Lönnberg, Rev. Zool. Africaine, 3: 273, 20 Jan. 1914. Katanga, Congo Belge.

Felis leo hollisteri (J. A. Allen)

Leo leo hollisteri J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 229, 11 Apl. 1924. Lime Springs, Sotik, Kenya Colony.

Felis leo kamptzi Matschie

Felis leo kamptzi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92, text-f. (skull), 1900. Yoko, upper Sanaga, Cameroons.

Felis leo krugeri (Roberts)

Leo leo krugeri Roberts, Ann. Transvaal Mus., 13: 91, 6 July 1929. Brixton, Sabi Game Reserve, eastern Transvaal.

FELIS LEO MASSAICA Neumann

Felis leo massaicus Neumann, Zool. Jahrb., Syst., 13: 550, 10 Oct. 1900. Kibaya and Gurui, Tanganyika Territory.

Felis leo sabakiensis Lönnberg, in Wiss. Ergebn. d. Schwed. Zool. Exped. nach Kilimandjaro, 1905–06, u. Leitung Sjöstedt, p. 22, pl. 3, f. 4, 1908. Kibonoto and Leitokitok, northwest of Kilimanjaro, Tanganyika Territory.

Felis leo roosevelti Heller, Smithsonian Misc. Coll., 61: no. 19, p. 2, 8 Nov. 1913. "Near Addis Ababa," Ethiopia, but "cannot be separated subspecifically" from *F. l. massaica* (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 165, 1918).

FELIS LEO MELANOCHAITUS (Hamilton Smith). Cape Lion.

Felis leo ϵ *capensis* J. B. Fischer, Synopsis Mamm., addenda, p. 565, 1829. Based on the South African Lion of Griffith's Cuvier, Anim. Kingdom, 5: 163, 1827. South Africa. Not *Felis capensis* Forster, 1781, = *Felis serval* Schreber.

Felis (*Leo*) *melanochaitus* Hamilton Smith, Jardine's Naturalist's Library, ed. 2, Mam., 15: 177, 1858. Cape of Good Hope.

Felis (*Leo*) *melanochaetus* Hamilton Smith, Jardine's Naturalist's Library, ed. 2, 15: pl. 10, 1858. Cape of Good Hope.

FELIS LEO NYANZÆ Heller

Felis leo nyanzæ Heller, Smithsonian Misc. Coll., 61: no. 19, p. 4, 8 Nov. 1913. Kampala, Uganda, north shore of Lake Victoria.

FELIS LEO SENEGALENSIS J. N. von Meyer

Felis leo, race 3, *senegalensis* J. N. von Meyer, Dissertatio Inaug. Anat.-Med. de Genere Felium, p. 6, about 1 Aug. 1826. Senegal. (Not *Felis senegalensis* Lesson, 1839, for a servaline cat).

Leo gambianus Gray, List Spec. Mamm. Brit. Mus., p. 40, 13 May 1843. Interior of Gambia. (Renaming of *Felis leo senegalensis* Fischer).

FELIS PARDUS PARDUS Linnæus. Egyptian Leopard.

Felis pardus Linnæus, Syst. Nat., ed. 10, 1: 41, 1758. "In Indiis"; but type locality fixed by Thomas (Proc. Zool. Soc. London, 1: 135, 1911) as Egypt. (See also Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 10: 422, 1910; J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 248, 11 Apl. 1924).

Felis fusca F. A. A. Meyer, Zool. Annalen, 1: 394, 1794. Bengal. Pocock (Proc. Zool. Soc. London, p. 558, 8 July 1932) writes that he "cannot find any differences either in size, colour, pattern, cranial, or dental characters between the leopards of India . . . and those of Kenya and Tanganyika," and adopts *fusca* as the subspecific name for those of both areas, with various races intervening. The implication is that the Indian and East African leopards in turn are not different from typical *pardus*.

Felis leopardus suahelicus Neumann, Zool. Jahrb., Syst., 13: 551, 10 Oct. 1900. Lake Manyara district, northern Ugogo, northeastern Tanganyika Territory (see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 1, p. 171, 16 Aug. 1918).

Felis pardus fortis Heller, Smithsonian Misc. Coll., 61: no. 19, p. 5, 8 Nov. 1913. Loita Plains, Southern Guaso Nyiro district, Kenya Colony.

FELIS PARDUS ADERSI (Pocock). Zanzibar Leopard

Panthera pardus adersi Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33, 26 Apl. 1932; Proc. Zool. Soc. London, p. 563, pl. 2, 8 July 1932. Near Chuaka, Island of Zanzibar.

FELIS PARDUS ADUSTA (Pocock)

Panthera pardus adusta Pocock, Ann. Mag. Nat. Hist. (9) 20: 214, Aug. 1927. Highlands of Abyssinia (Ethiopia).

Leopardus poliopardus Brehm, Reise nach Habesch, p. 106, 1863. Not *Felis poliopardus* Fitzinger (Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 17: 295, 1855), said to be a menagerie hybrid between a jaguar and a black leopard.

Panthera nimr, niger Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 58: sect. 1, p. 466, 1868. Abyssinia. Not *Felis nigra* Erxleben, 1777 (a black jaguar).

Range: Highlands of Ethiopia.

FELIS PARDUS ANTINORII de Beaux

Felis nimr Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio gg, pl. 17, Nov. 1832 (in part, as to an Abyssinian skin). Arabia Felix.

Felis pardus minor Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 199, 1895; nomen nudum. Sudan region. Not *Felis onca minor* Hamilton Smith, based on Griffith, Cuvier's Anim. Kingdom, 2: 456, pl., 1827.

Felis pardus antinorii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 62: 278, Feb. 1924. Keren, Bogos Country, Eritrea.

Range: Eritrea and adjacent parts of Abyssinia.

FELIS PARDUS BROCKMANI (Pocock)

Panthera pardus brockmani Pocock, Proc. Zool. Soc. London, p. 555, 8 July 1932. Upper Sheikh in the Golis Range, British Somaliland.

Range: British Somaliland, "apparently as far south as Jubaland" (Pocock).

FELIS PARDUS CHUI Heller

Felis pardus chui Heller, Smithsonian Misc. Coll., 61: no. 19, p. 6, 8 Nov. 1913. Gondokoro, Uganda.

Felis pardus iturensis (J. A. Allen)

Felis pardus centralis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 49, text-f. 3–5, 1 Sep. 1917. Kabare, Lake Albert Edward, Congo Belge. Not *Felis centralis* Mearns, 1901, a Central American jaguar.

Panthera pardus iturensis J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 259, 11 Apl. 1924. Niapu, northeastern Congo Belge.

Felis pardus leopardus Schreber

Felis leopardus Schreber, Säugthiere, pl. 101, 1775; text, 3: 387, 586, 1777. Senegal, based on Buffon's account of a leopard "du Sénégal ou de Guinée;" see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 250, 11 Apl. 1924.

Felis pœcilura Valenciennes, Compt. Rend. Acad. Sci. Paris, 42: 1036, 1856. Gaboon.

Felis pardus melanotica Günther. Cape Leopard

Felis leopardus var. *melanot[ica]* Günther, Proc. Zool. Soc. London, p. 243, pl. 16, 1 Aug. 1885; p. 203, text-f., Aug. 1886. Hills, 40 miles from Grahamstown, Cape of Good Hope.

Felis pardus melanosticta Lydekker, Game Animals of Africa, p. 430, 1908 (errore). Grahamstown district, South Africa.

Felis pardus nanopardus Thomas

Felis pardus nanopardus Thomas, Ann. Mag. Nat. Hist. (7) 14: 94, Aug. 1904. Forty miles west of Gorahai, Somaliland.

Range: Italian Somaliland.

Felis pardus panthera Schreber. North African Leopard

Felis panthera Schreber, Säugthiere, 3: 384, 587, 1777; pl. 99, 1776. Algeria; based on a copy of Buffon's plate of a female from that country. See Cabrera, A., Los Mamíferos de Marruecos, p. 179, 1932.

Felis palearia F. Cuvier, Hist. Nat. des Mamm., pl. 121 and text, 1832. Algeria.

Felis pardus barbarus Blainville, Ostéographie, 2: "Felis," p. 186; atlas, pl. 6, 1843. Barbary coast. Not *Felis leo*, var. *barbarus* J. B. Fischer, 1829.

Felis pardus puella (Pocock)

Panthera pardus puella Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33, 26 Apl. 1932; Proc. Zool. Soc. London, p. 588, text-f. 9, 8 July 1932. Okorosave, central Kaokoveld, Damaraland, Southwest Africa.

Felis pardus reichenowi (Cabrera)

Panthera pardus reichenowi Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 481, Dec. 1918. Yoko, Cameroons.

FELIS PARDUS RUWENZORII Camerano

Felis pardus ruwenzorii Camerano, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 21: no. 545, p. 1, 1906. Bujungolo, Ruwenzori, Uganda, 3800 m.

FELIS PARDUS SHORTRIDGEI (Pocock)

Panthera pardus shortridgei Pocock, Abstr. Proc. Zool. Soc. London, no. 347, p. 33, 26 Apl. 1932; Proc. Zool. Soc. London, p. 584, 8 July 1932. Gangongo, Okavango River, western Caprivi, Damaraland, Southwest Africa.

Order PINNIPEDIA

Family OTARIIDÆ. Fur Seals and Sea Lions

ARCTOCEPHALUS F. Cuvier

Arctocephalus F. Cuvier, Dictionnaire d. Sci. Nat., 39: 554, 1826. Genotype *Phoca ursina* Linnæus.

Arctophoca Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 276, 1866. Genotype *Otaria philippi* Peters.

Halarctus Gill, Proc. Essex Inst., Salem, Communications, 5: 7, 11, July, 1866. Genotype *Arctocephalus delalandii* Gray.

Euotaria Gray, Ann. Mag. Nat. Hist. (4) 4: 269, Oct. 1869. Genotype not specified, but intended for *Otaria byronia*.

Gypsophoca Gray, Ann. Mag. Nat. Hist. (4) 4: 269, Oct. 1869. Genotype not specified, the Australian Fur Seal.

ARCTOCEPHALUS PUSILLUS (Schreber). Cape Fur Seal

Phoca pusilla Schreber, Säugthiere, 3: 314, 1776; 584, 1777; pl. 86, 1775. "In den levantischen, und nach dem Herrn Grafen von Buffon, im indischen Meere," but assumed to be South Africa. "The pertinence of the name *pusilla* to the African Fur Seal is not beyond reasonable doubt" (Allen, J. A., Hist. North Amer. Pinnipeds, p. 212, 1880).

Phoca parva Boddært, Elenchus Anim., p. 172, 1785 (based on Buffon's "Petit Phoque." Mediterranean Sea = South Africa.

Phoca antarctica Thunberg, Mém. Acad. des Sci. St. Pétersbourg, 3: 222, 1811.

Otaria peronii Desmarest, Encyclop. Méthod., Mammalogie, p. 250, 1820. Cape of Good Hope (Pagès); "l'Inde" (Daubenton).

Arctocephalus delalandii Gray, Proc. Zool. Soc. London, p. 107, pl. 69, Feb.-June 1859. Cape of Good Hope.

Arctocephalus nivosus Gray, Ann. Mag. Nat. Hist. (4) 1: 219, Mar. 1868; Suppl. Cat. Seals and Whales Brit. Mus., p. 27, 1871. Cape of Good Hope.

Arcto-cephalus schist-hyperoës Turner, Journ. Anat. and Phys., 3 = (2) 2: 113, text-f., Nov. 1868. Cape of Good Hope.

?*Euotaria compressa* Gray, Hand-list Seals, Morses, Sea-lions, and Sea-bears Brit. Mus., p. 38, pl. 24, 1874. ?South Africa.

Range: Coast of South Africa, from Algoa Bay west and north to Cape Cross.

Family PHOCIDÆ. Hair Seals

Monachus Fleming. Monk Seals

Monachus Fleming, Philosophy of Zool., 2: 187, footnote, 1822. Genotype *Phoca monachus* Hermann.

Pelagios F. Cuvier, Mém. Mus. d'Hist. Nat., Paris, 11: 196, pl. 2, 1824. Genotype *Phoca monachus* Hermann.

Pelagius F. Cuvier, Dictionnaire des Sci. Nat., 39: 550, 1826. Genotype *Phoca monachus* Hermann.

Heliophoca Gray, Ann. Mag. Nat. Hist. (2) 13: 201, Mar. 1854; Proc. Zool. Soc. London, for 1854, p. 43, 1855. Genotype *Heliophoca atlantica* Gray = *Monachus monachus* (Hermann).

Monachus monachus (Hermann). Mediterranean Monk Seal

Phoca monachus Hermann, Beschäftigungen d. Berlin. Ges. Naturf. Freunde, 4: 501, pl. 12, 13, 1779. Mediterranean Sea.

Phoca albiventer Boddært, Elenchus Anim., p. 170, 1785. Adriatic Sea.

Phoca bicolor Shaw, Gen. Zoology, 1: Mamm., pt. 2, p. 254, 1800. Adriatic seacoasts.

Phoca leucogaster Péron, Voy. aux Terres Austr., 2: 47, footnote, 1817. Nîmes, France.

Phoca hermannii Lesson, Dictionnaire Class. d'Hist. Nat., 13: 416, Jan. 1828. Adriatic Sea.

Monachus mediterraneus Nilsson, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1837, p. 235, 1838. Adriatic Sea and Greek Archipelago.

Heliophoca atlantica Gray, Ann. Mag. Nat. Hist. (2) 13: 202, Mar. 1854; Proc. Zool. Soc. London, for 1854, p. 43, 10 Jan. 1855. Deserta Grande Island, Madeira group.

Range: Mediterranean Sea and adjacent coasts of Africa, to Madeira and Canary Islands.

Mirounga Gray. Elephant Seals

Macrorhinus F. Cuvier, Dictionnaire des Sci. Nat., 39: 552, art. "Phoques," 1826. Genotype *Phoca proboscidea* Péron. Preoccupied by *Macrorhinus* Latreille, 1825, in Coleoptera.

Mirounga Gray, in Griffith's Cuvier, Animal Kingdom, 5: 179, 1827. As a subgenus of *Phoca*. No type specified. Included *Phoca cristatus* Gmelin and the Elephant Seals (four species).

Morunga Gray, List Spec. Mamm. British Mus., pp. xxiii, 103, 13 May 1843 (misprint? for *Mirounga*, here made a genus). Genotype *Phoca leonina* Linnæus.

Rhinophoca Wagler, Natürl. Syst. Amphib., p. 27, 1830. Genotype *Phoca proboscidea* Péron.

MIROUNGA LEONINA (Linnæus). Southern Elephant Seal

Phoca leonina Linnæus, Syst. Nat., ed. 10, 1: 37, 1758. "ad polum Antarcticum."

Phoca elephantina Molina, Saggio sulla Storia Nat. Chili, p. 280, 1782. "Isole di Gio: Fernandes, alle Coste di Araneo, all' Arcipelago di Chiloë, e verso lo stretto Magellanico."

Phoca proboscidea Péron, Voy. aux Terres Austr., 2: 34, pl. 32, 1817. King Island, New South Wales.

Phoca ansonii Desmarest, Encyclopédie Méthodique, Mammalogie, 1: 239, 1820 (in part). Falkland Ids.

Phoca byronii Desmarest, Encyclopédie Méthodique, Mammalogie, 1: 240, 1820. Island of Tinian, Marianne Ids.

M[irounga] patagonica Gray, in Griffith's Cuvier, Animal Kingdom, 5: 180, 1827. Patagonia (by implication).

Phoca dubia J. B. Fischer, Synopsis Mamm., p. 235, 1829. "In insulis Maluinis" = Magellanic region, Falkland Ids.

C[ystophora] falklandica Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 394, footnote, 1875. Falkland Ids. (by implication).

C[ystophora] kerguelensis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 394, footnote, 1875. Kerguelen Id. (by implication).

Range: Southern Ocean, antarctic islands, north in the Pacific to Juan Fernandez, and formerly in the South Atlantic as far north as Tristan da Cunha, South African coast (1926), and island of St. Helena to about 1739 (see Fraser, F. C., Proc. Linn. Soc. London, for 1934–35, pp. 34–35, 1936).

Order CETACEA. Whales, Dolphins

Family DELPHINIDÆ. Dolphins and Porpoises

CEPHALORHYNCHUS Gray

Cephalorhynchus Gray, Zool. Voy. Erebus and Terror, 1: Mamm., 36, pl. 16, 1846. As a subgenus of *Delphinus;* no type specified but later fixed as *Delphinus heavisidii* Gray.

CEPHALORHYNCHUS HEAVISIDII (Gray)

Delphinus (Grampus) heavisidii Gray, Spicilegia Zool., 1: 2, pl. 2, f.6, 1828. Cape of Good Hope.

Delphinus capensis F. Cuvier, Hist. Nat. des Mammifères, pt. 58, and pl., 1829.

D[elphinus] cephalorhyncus F. Cuvier, Hist. Nat. des Cétacés, p. 158, 1836. Coast of Cape of Good Hope.

D[elphinus] hastatus F. Cuvier, Hist. Nat. des Cétacés, p. 161, 1836. Cape of Good Hope.

Delphinus tridens Van Beneden, ex Sunk MS., Bull. Acad. Roy. Sci., Lettres et Beaux-arts Belgique, Bruxelles, (2) 36: 32, pl. 36, f.1, 1873. Cape Town, Cape of Good Hope.

Orca capensis Van Beneden, Bull. Acad. Roy. Sci., Lettres et Beaux-arts Belgique, Bruxelles, (2) 36: 32, pl. 36, f. 1, 1873. Cape Town, Cape of Good Hope.

Delphinus Linnæus

Delphinus Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. Genotype *Delphinus delphis* Linnæus.

Rhinodelphis Wagner, Schreber's Säugthiere, Suppl., 7: 281, 316, 1846. Subgenus of *Delphinus* to include the dolphins with a beak. Of the 86 species mentioned *Delphinus delphis* may be selected as the type.

Delphinus capensis Gray

Delphinus capensis Gray, Spicilegia Zool., 1: 2, pl. 2, f. 1, 1828. Cape of Good Hope.

D[*elphinus*] *longirostris* G. Cuvier, Règne Animal, ed. 2, 1: 288, 1829 (not of Gray, 1828). Malabar coast.

Delphinus delphis Linnæus. Common Ocean Dolphin

Delphinus delphis Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano Europæo."

?*Delphinus novæ-zealandiæ* Quoy and Gaimard, Voy. Astrolabe, Zool., 1: 149, 1830.

Delphinus fulvifasciatus Wagner, Schreber's Säugthiere, Suppl., 7: pl. 361, f. 1, 1846. Based on d'Urville's figure.

Delphinus janira Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 41, pl. 23, 1846. Newfoundland.

Delphinus albimanus Peale, U. S. Explor. Exped., ed. 1, 8: Mamm. and Ornith., p. 33, pl. 7, f. 1, 1848. Coast of Chile, 27° 16′ S., 75° 30′ W.

Delphinus sao Gray, Cat. Cetacea Brit. Mus., p. 125, 1850; Cat. Seals and Whales Brit. Mus., ed. 2, p. 248, 1866. Off Madagascar.

Delphinus algeriensis Loche, Revue et Mag. de Zool., (2) 12: 474, pl. 22, f. 1, Nov. 1860. Coast of Algeria.

Delphinus moorii Gray, Proc. Zool. Soc. London, for 1865, p. 736, text-f. 1, Apl. 1866. South Atlantic, 34° S., 7° 3′ W.

Delphinus moorei Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866.

Delphinus walkeri Gray, Proc. Zool. Soc. London, for 1865, p. 737, text-f. 2, Apl. 1866; Cat. Seals and Whales Brit. Mus., ed. 2, p. 397, text-f. 100, 1866. South Atlantic, 35° 38′ S., 0° 10′ E.

Delphinus forsteri Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 42, pl. 24, 1846; Cat. Seals and Whales Brit. Mus., ed. 2, p. 248, 1866. Between New Caledonia and Norfolk Island.

Delphinus pomeegra Owen, Trans. Zool. Soc. London, 6: 23, pl. 6, f. 3, 15 Aug. 1866. Off coast of Madras, India.

Delphinus major Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866. No locality.

Delphinus marginatus Lafont, Actes Soc. Linn. Bordeaux, (3) 6: 518, 15 Sep. 1868. Coast of Arcachon, dept. Gironde, France.

Delphinus bairdii Dall, Proc. California Acad. Sci., 5: 12, 29 Jan. 1873. Cape Arguello, California.

Delphinus fusus, souverbianus, variegatus, balteatus, moschatus Lafont, Fischer, P., Actes Soc. Linn. Bordeaux, (4) 5=35: 127, 1881. Coast of France.

Globicephala Lesson. Blackfish

Globicephala Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788, (Compl. Œuvres de Buffon) 1: [276, pl. 8], 441, 1828. Genotype *Delphinus deductor* Scoresby = *Delphinus melas* Traill.

Globiocephalus Gray, List Spec. Mamm. Brit. Mus., p. xxii, 13 May 1843; Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. Genotype not specified; three species included.

Sphærocephalus Gray, Proc. Zool. Soc. London, p. 244, Nov. 1864; Cat. Seals and Whales Brit. Mus., ed. 2, p. 323, text-f. 63, 64, 1866. Subgenus of *Globiocephalus* Gray; type *Globiocephalus incrassatus* Gray = *Globicephala melæna* (Traill).

Globicephalus Van Beneden and Gervais, Ostéographie des Cétacés, p. 554, 1777. Genotype *Globicephala melæna* (Traill).

Globiceps Flower, Proc. Zool. Soc. London, for 1883, p. 508, Apl. 1884. Genotype *Delphinus melas* Traill.

Globicephala melæna (Traill). North Atlantic Blackfish.

Delphinus melas Traill, Nicholson's Journ. Nat. Philos., Chem. and Arts, 22: 81, pl. 3, Feb. 1809. Scapay Bay, Pomona, Orkney Ids.

Delphinus globiceps G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, pl. 1, 2 ff., 1812. St. Brieux, France.

Delphinus grinda Lyngbye, Tidskr. f. Naturvidensk., 4: 232, 1825. Färoe Islands.

Delphinus intermedius Harlan, Journ. Acad. Nat. Sci. Philadelphia, (1) 6: 51, pl. 1, f. 3, June 1827. Salem Harbor, Mass. Not *Delphinus intermedius* Gray, 1827 = *Orcinus orca* (Linnæus).

Delphinus harlani J. B. Fischer, Synopsis Mamm., p. (456) 656, 1829. Coast of New England (substitute for *D. intermedius* Harlan, not Gray, 1827).

Globiocephalus affinis Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. No locality.

Globiocephalus svineval Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 32, 1846. East Coast of North America.

Globiocephalus edwardsii A. Smith, Illustr. Zool. South Africa, Mamm., p. 127, 1849. Near Slangkop, Cape of Good Hope.

Above reference is quoted with description, by Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 320, 1866, but does not appear in the copy at hand.

Globiocephalus incrassatus Gray, Proc. Zool. Soc. London for 1861, p. 309, 2 figs., Apl. 1862. Coast of Dorsetshire, England.

Globiocephalus propinquus Malm, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 9: pt. 1, art. 2, p. 85, 1871. North Atlantic, near the equator.

Grampus Gray. The Grampus

Grampus Gray, Spicilegia Zool., 1: 2, 1828. Subgenus of *Delphinus*, type *Delphinus griseus* Cuvier.

Grampus griseus (G. Cuvier). Gray Grampus

Delphinus griseus G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, pl. 1, f. 1, 1812. Brest, France.

Delphinus rissoanus Desmarest, Encyclop. Méthodique, Mammalogie, Suppl., p. 519, 1822. Coast of Nice, France (Mediterranean Sea).

Grampus cuvieri Gray, Ann. Nat. Hist., (1) 17: 85, Feb. 1846. Isle of Wight.

Grampus sakamata Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 31, 1846. Japan coast.

Grampus richardsoni Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 85, 1850; Proc. Zool. Soc. London, p. 522, Oct. 1865. Kalk's Bay, Simon's Bay, Cape of Good Hope.

Globiocephalus chinensis Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 323, 1866. China Seas, near Leuchen.

Grampus stearnsii Dall, Proc. California Acad. Sci., 5: 13, Apl. 1873. Coast of California.

Grampus souverbianus P. Fischer, Actes Soc. Linn. Bordeaux, (4) 5=35: 210, 1881. No locality.

Lagenorhynchus Gray

Lagenorhynchus Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 34, 1846. Genotype not specified; included four species.

Electra Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 76, 1871. Genotype not specified; included eight species.

Leucopleurus Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 78, 1871. Genotype *Leucopleurus arcticus* Gray = *Lagenorhynchus acutus* Lesson.

Lagenorhynchus obscurus (Gray)

Delphinus (*Grampus*) *obscurus* Gray, Spicilegia Zool., 1: 2, pl. 2, f. 2–5, 1828. Cape of Good Hope.

?*Phocæna australis* Peale, U. S. Explor. Exped., ed. 1, 8: Mamm. and Ornith., p. 33, pl. 6, f. 2, 1848. South Atlantic, off coast of Patagonia.

LAGENORHYNCHUS SUPERCILIOSUS (Schlegel)

Delphinus superciliosus Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 22, pl. 1, f. 3; 2, f. 3 (skull); 4, f. 4 (teeth), 1841. Between Cape Horn and van Dieman's Land.

Note: Although the type of *Neomeris phocaenoides* (Cuvier) was said to have come from the Cape of Good Hope, this was probably not the case. It is not certainly known from west of the India peninsula (Allen, G. M., Bull. Mus. Comp. Zool., 65: 235, Jan. 1923).

ORCINUS Fitzinger. Orca, Killer Whale

Orca Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 33, pls. 8, 9, 1846. Genotype *Delphinus orca* Linnæus. Not *Orca* Wagler, 1830 = *Mesoplodon*.

Orcinus Fitzinger, Wiss.-populäre Naturges. Säugethiere, 6: 204, 1860; Palmer, Proc. Biol. Soc. Washington, 13: 24, 31 Jan. 1899 (name revived).

Gladiator Gray, Proc. Zool. Soc. London, p. 71, June 1870. Subgenus of *Orca* (= *Orcinus*); type *Orca stenorhyncha* Gray = *Delphinus orca* Linnæus.

ORCINUS ORCA (Linnæus)

Delphinus orca Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano Europæo."

Delphinus gladiator Bonnaterre, Tabl. Encyclopédique et Méthod., Cétologie, p. 23, 1789. Spitsbergen, Davis Straits, New England Coast.

Delphinus duhameli Lacépède, Hist. Nat. des Cétacées, p. 314, 1804 (large 8vo. ed.). Mouth of the Loire, France.

Orca capensis Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 34, pl. 9, 1846 (not of Synopsis, 1868). Cape of Good Hope.

Delphinus victorini Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 21, pl. 1, 1858. Knysna River, west of Cape Town, South Africa.

O[rca] schlegelii Lilljeborg, Recent Memoirs on Cetacea, Ray Society, p. 235, 1866. West coast of Norway.

Orca eschrichtii Steenstrup, in note by J. Reinhardt, Recent Memoirs on the Cetacea, Ray Soc., p. 188, text-f., 1866. Färoe Islands, Kollefjord, on Strömö.

Orca magellanica Burmeister, Ann. Mag. Nat. Hist. (3) 18: 101, pl. 9, f. 5, Aug. 1866; Anales Mus. Publico Buenos Aires, 1: 373, pl. 22, f. 1-3, 1869. South of Cape Corrientes, Argentina, mouth of Rio del Cristiano, lat. 38° 50′ S.

Orca rectipinna Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 22, f. 15, 16, Apl. 1869. California, southwards.

Orca atra Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 22, 58, f. 17, Apl. 1869. Oregon to Aleutian Islands.

Orca pacifica Gray, Proc. Zool. Soc. London, p. 76, June 1870, based on the *Orca* (*Ophysia*) *capensis* Gray, in part, of Synopsis of Whales and Dolphins, p. 8, pl. 9, 1868. North Pacific.

Orca stenorhyncha Gray, Proc. Zool. Soc. London, p. 74, text-f. 1, 3, June 1870. North Sea, Weymouth, England.

Orca latirostris Gray, Proc. Zool. Soc. London, p. 76, June 1870. North Sea.

Orca africana Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 90, 1871. Algoa Bay, South Africa.

Orca ater, var. *fusca* Dall, in Scammon's Marine Mamm. North-west Coast North Amer., app., p. 298, pl. 17, f. 3, 1874. Coast of California and Oregon.

Orca antarctica P. Fischer, Journ. de Zool., 5: 146, 1876. Powell and South Shetland Islands, Antarctic Ocean.

Orca australis Van Beneden and Gervais, Ostéographie des Cétacés, p. 540, pl. 47, f. 1, 2, 1877. Tasmania (f. 1); Algoa Bay, Cape of Good Hope (f. 2).

Orca gladiator (*arcticus*) et (*europæus*) Gervais and Van Beneden, Ostéogr. des Cétacés, pl. 47, f. 3, 5, 1877. Färoe Islands and Atlantic Ocean (resp.).

Orca gladiator var., *australis* Gervais and Van Beneden, Ostéogr. des Cétacés, p. 540, pl. 47, f. 1, 1877. Tasmania.

Orca tasmanica Gervais and Van Beneden, Ostéogr. des Cétacés, p. 543, 1877. Tasmania.

Orca minor Trouessart, Cat. Mamm. Viv. Foss., ed. 1, 2: pt. 5, p. 1049, 1898, here the name is credited to Reinhardt, Ray Society, Memoirs on Recent Cetacea, where, however, only the description of a smaller variety occurs, in the paper by Eschricht, p. 179, in translation, without a name.

Phocæna G. Cuvier. Harbor Porpoises

Phocæna G. Cuvier, Règne Animal, ed. 1, 1: 279, 1817. Genotype *Delphinus phocæna* Linnæus.

Phocæna phocœna (Linnæus). Harbor Porpoise

Delphinus phocœna Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. Swedish seas (Thomas); "In Oceano Europæo, & Balthico."

Phocæna communis Lesson, Manuel de Mammalogie, p. 413, 1827. Atlantic Ocean, and French estuaries of la Loire, la Charente, la Seine.

Phocæna homeii A. Smith, Zool. Journ., 4: 440, May 1829. South Africa, Table Bay and seas about Cape of Good Hope.

Phocæna vomerina Gill, Proc. Acad. Nat. Sci. Philadelphia, p. 178, 1865. Puget Sound, Washington, and San Francisco, California.

Phocæna brachycium Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 279, 1865. Salem Harbor, Massachusetts.

Phocæna lineata Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 135, 1876. Eastport, Maine.

Prodelphinus Gervais. Ocean Dolphins

Clymene Gray, Proc. Zool. Soc. London, p. 237, Nov. 1864. Subgenus of *Delphinus*, type *Delphinus euphrosyne* Gray, raised to generic rank by Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. Preoccupied by *Clymene* Oken, 1815, in mollusks.

Stenella Gray, Proc. Zool. Soc. London, p. 213, Sep. 1866. As a subgenus of *Steno:* type *Steno attenuatus* Gray.

Clymenia Gray, Synopsis of Whales and Dolphins, p. 6, 1868. No type specified; eleven species included. Preoccupied by *Clymenia* Munster, 1839, in mollusks.

Prodelphinus Gervais, Ostéographie des Cétacés, p. 604, 1877. Genotype not specified; three species included. Substitute for *Clymenia* Gray.

Prodelphinus attenuatus (Gray)

Delphinus pseudodelphis Wiegmann, in Schreber's Säugthiere, 7: pl. 358, 1837(?).

Steno attenuatus Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 44, pl. 28, 1846. No locality.

Steno capensis Gray, Proc. Zool. Soc. London, p. 522, Oct. 1865. Cape of Good Hope.

Clymene punctata Gray, Proc. Zool. Soc. London, for 1865, p. 738, text-f. 3, Apl. 1866. Lat. 16° 40′ N., long. 21° W.

Prodelphinus euphrosyne (Gray)

Delphinus styx Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 39, pl. 21, 1846. West coast of Africa.

Delphinus euphrosyne Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 40, pl. 22, 1846. No locality.

Delphinus tethyos Gervais, Bull. Soc. d'Agric. Hérault, 40: 150, pl. 1, f. 1–4, 1853. Mouth of the Orb, Hérault, France.

Delphinus marginatus Duvernoy, in Pucheran, Rev. et Mag. de Zool. (2) 8: 545, pl. 25, Dec. 1856. Near Dieppe, France.

Tursio dorcides Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 400, 1866. No locality.

Clymene dorides Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. No locality.

Clymene similis Gray, Proc. Zool. Soc. London, p. 146, text-f. 2, May 1868. Cape of Good Hope.

Clymenia euphrosynoides Gray, Synopsis Whales and Dolphins, p. 6, 1868; based on Owen, Trans. Zool. Soc. London, 6: pl. 8, f. 5, 1866. No locality.

Prodelphinus frænatus (F. Cuvier). Bridled Dolphin

D[elphinus] frontalis G. Cuvier, ex Dussumier, Règne Anim., ed. 2, 1: 288, 1829. Cape Verde Islands.

Delphinus frænatus F. Cuvier, Hist. Nat. des Cétacés, p. 155, pl. 10, f. 1, 1836. Cape Verde.

Delphinus doris Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 39, pl. 20, 1846. No locality.

Delphinus clymene Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 115, 1850; Cat. Seals and Whales Brit. Mus., ed. 2, p. 249, 1866. No locality.

?*Delphinus dubius* G. Cuvier, Ann. Mus. d'Hist. Nat., Paris, 19: 14, 1812. No locality.

Delphinus mediterraneus Loche, Revue et Mag. de Zool. (2) 12: 475, pl. 22, f. 2, Nov. 1860. Coast of Algeria.

Clymenia normalis Gray, Proc. Zool. Soc. London, p. 214, Sep. 1866. No locality.

Prodelphinus longirostris (Gray)

Delphinus longirostris Gray, Spicilegia Zool., 1: 1, 1828. No locality.

Delphinus microps Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 42, pl. 25, 1846. No locality.

Delphinus alope Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 118, 1850. No locality.

Delphinus stenorhynchus Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 396, 1866. No locality.

Pseudorca Reinhardt. False Killer

Pseudorca Reinhardt, Overs. K. Danske Vid. Selsk. Forhandl., Kjöbenhavn p. 151, 1862. Genotype *Phocæna crassidens* Owen.

Pseudorca crassidens (Owen)

Phocæna crassidens Owen, British Fossil Mammals and Birds, p. 516, 1846. Lincolnshire Fens, near Stamford, England (subfossil).

Orca meridionalis Flower, Proc. Zool. Soc. London, for 1864, p. 420, text-f. 1, 2, May 1865. Tasmania.

Orca destructor Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 293, Oct. 1866. Off Paita, Peru.

Globicephalus grayi Burmeister, Anales Mus. Pub. Buenos Aires, 1: 373, pl. 21, (f. 3–6 but not f. 1, 2), 1868. Coast of Argentina south of the La Plata River.

Sotalia Gray. White Dolphins

Sotalia Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 401, 1866. Genotype *Delphinus guianensis* Van Beneden.

Sotalia tëuszii Kükenthal

Sotalia tëuszii Kükenthal, Zool. Jahrb., Syst., 6: 442, pl. 21 (cranium), 1892. Bay of Warships anchorage, Cameroons, West Africa.

Steno Gray

Steno Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 30, 43, pl. 26, f. 1; 27, 28, 1846. Genotype *Delphinus rostratus* G. Cuvier.

Stenopontistes Miranda-Ribeiro, Bol. Museu Nac., Rio de Janeiro, 12: 19, 42, Mar. 1936. Genotype *Stenopontistes zambezicus* Miranda-Ribeiro = *Steno rostratus* (G. Cuvier).

Steno rostratus (G. Cuvier)

Delphinus rostratus G. Cuvier, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 160, 1817. Paimpol, France.

Delphinus pernettyi Desmarest, Encyclop. Méthod., Mammalogie, Suppl., p. 513, 1822. No locality.

Delphinus bredanensis G. Cuvier, Lesson, Hist. Nat. Gén. et Partic. d. Mamm. et Oiseaux découverts depuis 1788, (Compl. Oeuvres de Buffon, 1) Cétacés, p. 206, 1828. Coast of France.

[*Delphinus*] *frontatus* G. Cuvier, Recherches sur les Ossemens Foss., ed. 2, 5: pt. 1, 278, 1823 (in part). Lisbon, Portugal.

Delphinus planiceps Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 27, pl. 4, f. 8, 1841 (not Van Breda). Dutch coast.

Delphinus reinwardtii Schlegel, Abh. aus d. Gebiete Zool., pt. 1, p. 27, pl. 3, f. 2, 3; pl. 4, f. 7, 1841. Indian archipelago.

Steno compressus Gray, Zool. Voy. Erebus and Terror, 1: Mamm., 43, pl. 27, 1846. No locality.

Stenopontistes zambezicus Miranda-Ribeiro, Bol. Museu Nac., Rio de Janeiro, 12: 20, 42, pl., Mar. 1936. Zambesi, southeastern Africa.

Tursiops Gervais. Bottle-nose Porpoises

Tursiops Gervais, Hist. Nat. des Mamm., 2: 323, 1855. Genotype *Delphinus tursio* Fabricius.

Review: True, F. W. On *Tursiops catalania* and other existing species of Bottlenose Porpoises of that genus. Ann. Durban Mus., 1: 10–24, 1 June 1914.

Tursiops abusalam (Rüppell)

Delphinus aduncus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Belhosse Island, Red Sea; "highly probable that this species is the same as *T. abusalam*"—True.

Delphinus abusalam Rüppell, Mus. Senckenberg., 3: 140, pl. 12, f. 1–6, 1842. Red Sea.

Tursiops catalania (Gray)

Delphinus catalania Gray, Proc. Zool. Soc. London, p. 143, Sep. 1862. Cape Melville and Cape Flattery, northern Australia.

Range: Southern Oceans, from South Africa to Australia.

Tursiops truncatus (Montagu). Common Bottle-nose Porpoise

Delphinus tursio O. Fabricius, Fauna Grœnlandica, p. 49, 1780 (in part). South Greenland seas.

Delphinus truncatus Montagu, Mem. Wernerian Nat. Hist. Soc., Edinburgh, 3: 75, pl. 3, 1821. Duncannon Pool, near Stoke Gabriel, 5 miles up the river Dart, Scotland.

Delphinus compressicauda Lesson, Hist. Nat. Gén. et Partic. d. Mamm. et Oiseaux découverts depuis 1788, Cétacés, (Compl. des Oeuvres de Buffon, 1), p. 272, 1828 (on p. 441 it appears as *Phocæna compressicauda*). Atlantic Ocean, near the equator, 4° S., 26° W.

Delphinus eurynome Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38, pl. 17, 1846. No locality.

Delphinus metis Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38, pl. 18, 1846. No locality.

Delphinus cymodoce Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 38, pl. 19, 1846. No locality.

Family KOGIIDÆ. Pygmy Sperm Whales

Kogia Gray. Pygmy Sperm Whale

Kogia Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 22, 1846. Genotype *Physeter breviceps* Blainville.

Euphysetes Wall, Mem. Australian Mus., Sydney, no. 1, p. 46, 1851. Genotype *Euphysetes grayii* Wall = *Kogia breviceps* (Blainville).

Callignathus Gill, Amer. Naturalist, 4: 737–738, 740, footnote, Feb. 1871. Genotype *Physeter simus* Owen. Not *Caligniathus* Costa, 1853, in fishes.

Kogia breviceps (Blainville)

Physeter breviceps Blainville, Ann. franç. et étrang. d'Anat. et de Physiol., 2: 337, 1838. Cape of Good Hope.

Euphysetes grayii Wall, Mem. Australian Mus., Sydney, no. 1, p. 37, pl. 2, 1851; reprint 1887. Maroubra Beach, New South Wales.

Euphysetes macleayi Krefft, Proc. Zool. Soc. London, for 1865, p. 713, text-f. 1–6, Apl. 1866. Manly Beach, New South Wales.

Physeter (*Euphysetes*) *simus* Owen, Trans. Zool. Soc. London, 6: 30, pl. 10–14, 15 Aug. 1866. Waltair, Madras Presidency, India.

Kogia floweri Gill, Amer. Nat., 4: 736, 738, text-f. 167, Feb. 1871. Off Mazatlan, Sinaloa, Mexico.

Family PHYSETERIDÆ. Sperm Whales

Physeter Linnæus. Sperm Whale

Physeter Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. Genotype *Physeter catodon* Linnæus.

Catodon Linnæus, Fauna Suecica, ed. 2, p. 18, 1761. Genotype *Catodon macrocephalus* Linnæus = *Physeter catodon* Linnæus.

Physalus Lacépède, Hist. Nat. des Cétacées, p. xl, 219, 1804. Genotype *Physalus cylindricus* Lacépède = *Physeter catodon* Linnæus.

Meganeuron Gray, Proc. Zool. Soc. London, p. 440, Oct. 1865. Genotype *Catodon* (*Meganeuron*) *krefftii* Gray = *Physeter catodon* Linnæus.

Physeter catodon Linnæus. Sperm Whale; Cachalot

Physeter catodon Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano septentrionali" = Kairston, Orkney Ids. (see Thomas, O., Proc. Zool. Soc. London, p. 157, 22 Mar. 1911).

Physeter macrocephalus Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano Europæo."

Physeter microps Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Oceano septentrionali."

Physeter tursio Linnæus, Syst. Nat., ed. 10, 1: 77, 1758. "In Oceano septentrionali."

Catodon (*Meganeuron*) *krefftii* Gray, Proc. Zool. Soc. London, p. 440, text-f. 1–4, Oct. 1865. Australian Seas.

Meganeuron krefftii Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 389, text-f. 94–97, 1866. Australian seas.

trumpo, gibbosus, cylindricus, orthodon, sulcatus Lacépède et al., are some syns. of *P. catodon*.

also, *polycyphus* Quoy and Gaimard, Zool. Voy. Uranie, p. 77, pl. 12, 1824.

Family ZIPHIIDÆ. Ziphioid Whales

Review: True, Frederick W. An account of the beaked whales of the family Ziphiidæ in the collection of the United States National Museum, with remarks on some specimens in other American museums. Bull. U. S. Nat. Mus., no. 73 (quarto), 89 pp., 42 pls., 1910.

Hyperoodon Lacépède. Bottle-nose Whale

Hyperoodon Lacépède, Hist. Nat. des Cétacées, pp. xliv, 319, 1804. Genotype *Hyperoodon butskopf* Lacépède = *H. ampullatus* (Forster).

Anarnak Lacépède, Hist. Nat. des Cétacées, pp. xxxviii, 164, 1804. Genotype *Anarnak grœnlandicus* Lacépède = *Hyperoodon ampullatus* (Forster). Also various emendations: *Anarnacus, Anarcus, Ananareus, Anarmacus.*

Ancylodon Illiger, Prodromus Syst. Mamm. et Avium, p. 142, 1811. Genotype *Monodon spurius* O. Fabricius = *Hyperoodon ampullatus* (Forster).

Uranodon Illiger, Prodromus Syst. Mamm. et Avium, p. 143, 1811. Genotype *Delphinus butzkopf* Bonnaterre.

Heterodon Blainville, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 175, 1817. Type not specified, eight species included; as a subgenus of *Delphinus*. Not *Heterodon* Beauvois, 1800, for reptiles.

Ceto-diodon Jacob, Dublin Philos. Journ. and Sci. Rev., 1: 72, pl. [3], fig. 8, Mar. 1825. Genotype *Ceto-diodon hunteri* Jacob = *Hyperoodon ampullatus* (Forster).

Nodus Wagler, Natürl. Syst. der Amphibien, p. 34, 1830. Genotype *Delphinus edentulus* Schreber = *Hyperoodon ampullatus* (Forster).

Chænodelphinus Eschricht, Förhandl. Skandinav. Naturforsk., 3die Möte, Stockholm, p. 651, 1843. Genotype *Balæna rostrata* Müller = *Hyperoodon ampullatus* (Forster).

Chænocetus Eschricht, Overs. K. Dansk. Vidensk. Selsk. Forhandl., Kjöbenhavn, for 1845, p. 17, 1846. Genotype the "Næbhval" or *Hyperoodon ampullatus* (Forster).

Lagenocetus Gray, Proc. Zool. Soc. London, p. 200, Oct. 1863. Genotype *Lagenocetus latifrons* Gray = *Hyperoodon ampullatus* (Forster). Misspelled *Lagocetus* by Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 82, 104, 1866.

HYPEROODON AMPULLATUS (Forster). Bottle-nose Whale

Balæna ampullata Forster, in Kalm's Travels into North America, 1: 18, footnote, 1770. Based on Pennant's account.

B[*alæna*] *rostrata* O. F. Müller, Zool. Danicæ Prodr., p. 7, 1776. No locality; Danish and Norwegian seas implied.

Monodon spurius O. Fabricius, Fauna Grœnlandica, p. 31, 1780. Greenland Seas.

D[*elphinus*] *bidentatus* Bonnaterre, Tableau Eneyclop. et Méthodique des Trois Règnes de la Nature, Cétologie, p. 25, pl. 11, f. 3, 1789. Thames River, England (based on Hunter's account).

D[*elphinus*] *butskopf* Bonnaterre, Tabl. Encyclop. et Méthod. des Trois Règnes de la Nature, Cétologie, p. 25, 1789. Honfleur, France.

Delphinus edentulus Schreber, Säugthiere, 7: 360, 1846; pl. 347; 348, f. 1, 1802. North Atlantic.

Anarnak grœnlandicus Lacépède, Hist. Nat. des Cétacées, p. 164, 1804. Greenland seas.

Delphinus diodon Lacépède, Hist. Nat. des Cétacées, p. 309, pl. 13, f. 3, 1804. Near London, England.

Delphinus bidens Turton, British Fauna, p. 17, 1807, not of Sowerby. No locality; based on Hunter's account.

Delphinus chemnitzianus Blainville, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 175, 1817. No locality.

Delphinus anarnacus Desmarest, Encyclop. Méthodique, Mammalogie, 2: 520, 1822. Greenland Seas.

Delphinus hunteri Desmarest, Encyclop. Méthodique, Mammalogie, 2: 520, 1822. Thames River, England.

Delphinus hyperoodon Desmarest, Encyclop. Méthodique, Mammalogie, 2: 521, 1822. Near Honfleur, France.

Ceto-diodon hunteri Jacob, Dublin Philosoph. Journ. and Sci. Rev., 1: 72, pl. [3], fig. 8, Mar. 1825. Killiney, near Dublin, Ireland.

Heterodon dalei Lesson, Manuel de Mammalogie, p. 419, 1827. Harwich, England (origin of Dale's specimen); Havre, France, also mentioned.

Hyperoodon bidens Fleming, History of British Animals, p. 36, 1828. Near Maldon, England.

Hyperoodon honfloriensis Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 137, 440 (name), 1828. Honfleur, France.

Hyperoodon latifrons Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 27, pl. 4, 1846. Orkney Ids.

Hyperoodon borealis Nilsson, Skandinav. Fauna, pt. 1, mamm., p. 622, 1847. Coasts of Iceland and Färoe Islands, Greenland and Spitsbergen.

Mesoplodon Gervais. Cowfish

Aodon Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788, (Compl. Oeuvres de Buffon, 1), Cétacés, p. 150, 440, 1828. Genotype *Aodon dalei* Lesson = *Mesoplodon bidens* (Sowerby). (Name said to be preoccupied by *Anodon* Lacépède, 1798, in Pisces.)

Micropterus Wagner, Schreber's Säugthiere, 7: 281, 352, pl. 348, 1846. Subgenus of *Delphinus;* type *Delphinus micropterus* Cuvier = *Mesoplodon bidens* (Sowerby). Preoccupied by *Micropterus* Lacépède, 1802, in Fishes.

Mesoplodon Gervais, Ann. des Sci. Nat., zool., (3) 14: 16, July 1850. Genotype *Mesoplodon bidens* (Sowerby).

Dioplodon Gervais, Compt. Rend. Acad. Sci. Paris, 31: 512, 1850. Genotype *Delphinus densirostris* Blainville.

Mesodiodon Duvernoy, Ann. des Sci. Nat., zool., (3) 15: 41, pl. 2, f. 2, 2′, 1851. Genotype *Dioplodon sowerbyi* Gervais = *Mesoplodon bidens* (Sowerby).

Dolichodon Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 353, text-f. 72, 1866. Subgenus of *Ziphius*, type *Ziphius layardii* Gray.

Callidon Gray, Ann. Mag. Nat. Hist. (4) 7: 368, text-figs., May 1871. Genotype *Mesoplodon güntheri* Krefft = *M. layardii* (Gray).

Neoziphius Gray, Suppl. to Cat. Seals and Whales Brit. Mus., p. 101, 1871. Genotype *Dioplodon europæus* Gervais, = *Mesoplodon europæus* (Gervais).

Mesoplodon densirostris (Blainville)

Delphinus densirostris Blainville, in Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 9: 178, 1817. Locality unknown.

Ziphius sechellensis Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 28, 1846. Seychelles, Indian Ocean.

MESOPLODON LAYARDII (Gray). Strap-toothed Whale

Ziphius layardii Gray, Proc. Zool. Soc. London, p. 358, text-f., 1865. Cape of Good Hope.

Mesoplodon güntheri Krefft, Ann. Mag. Nat. Hist. (4) 7: 368, 2 figs., May 1871. Little Bay, near Sydney, New South Wales.

ZIPHIUS G. Cuvier

Epiodon Rafinesque, Précis des Decouvertes et Trav. Somiologiques entre 1800 et 1814, p. 13, 1814. Genotype *Epiodon urganantus* Rafinesque = ?*Ziphius cavirostris* G. Cuvier.

Ziphius G. Cuvier, Recherches sur les Ossemens Foss., ed. 2, 5: pt. 1, p. 352, pl. 27, f. 3, 1823. Genotype *Ziphius cavirostris* G. Cuvier.

Xiphius L. Agassiz, Nomenclator Zool., Index Univers., p. 389, 392, 1846; emendation.

Aliama Gray, Proc. Zool. Soc. London, p. 242, Nov. 1864. Genotype *Delphinus desmarestii* Risso = *Ziphius cavirostris* G. Cuvier.

Petrorhynchus Gray, Proc. Zool. Soc. London, p. 524, 2 text-f., Oct. 1865. Genotype *Hyperoodon capensis* Gray = *Ziphius cavirostris* G. Cuvier.

Ziphiorrhynchus Burmeister, Revista Farmaceutica, Oct. 1865; Ann. Mag. Nat. Hist. (3) 17: 94, Feb.; 303, Apl. 1866. Genotype *Ziphiorrhynchus cryptodon* Burmeister = *Ziphius cavirostris* G. Cuvier.

ZIPHIUS CAVIROSTRIS G. Cuvier. Cuvier's Beaked Whale

Epiodon urganantus Rafinesque, Précis des Decouvertes et Trav. Somiologiques entre 1800 et 1814, p. 13, 1814. Mediterranean Sea. Nomen nudum.

Ziphius cavirostris G. Cuvier, Rech. sur Ossemens Foss., ed. 2, 5: pt. 1, p. 352, pl. 27, f. 3, 1823. Between Fos and the mouth of the Galégeon, dept. des Bouches-du-Rhone, France.

Delphinus desmarestii Risso, Hist. Nat. Anim. Europe Mérid., 3: 24, pl. 3, f. 3, 1826.

Delphinus philippii Cocco, Arch. f. Naturgesch., 12: sect. 1, p. 104, pl. 4, f. C., 1846. Straits of Messina.

The article is quoted from Maurolico, Journ. Lit. Kabinets v. Messina (2) 1: pt. 6, Oct. 1841.

Hyperoodon doumetii Gray, Cat. Spec. Mamm. Brit. Mus., Cetacea, p. 68, 1850. Corsica.

Hyperoodon gervaisii Duvernoy, Ann. des Sci. Nat., zool., (3) 15: 49, 67, 1851. Coast of Aresquiers, near Frontignan, département of l'Hérault, France.

Ziphius indicus Van Beneden, Mém. Couronnés et Autres Mém. Acad. Roy. d. Sci., Lettres et Beaux-Arts Belgique, Bruxelles, 16: art. 1, p. 23, pl. 1, June 1864. Cape of Good Hope, probably on Indian Ocean side.

Delphinorhynchus australis Burmeister, Allgemein. Zeitschr. f. Ges. Naturw., Dresden, 26: 262, Aug. 1865; An. Mus. Buenos Aires, 1: 312, pl. 15–20, 1865. Argentina, near Buenos Aires.

Hyperodon semijunctus Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 280, Dec. 1865. Charleston, South Carolina.

Hyperoodon capensis Gray, Proc. Zool. Soc. London, p. 359, text-f., Oct. 1865. Cape of Good Hope.

Ziphiorrhynchus cryptodon Burmeister, Ann. Mag. Nat. Hist. (3) 17: 94, pl. 3, Feb.; 303, Apl. 1866. Buenos Aires, Argentina.

Petrorhynchus mediterraneus Gray, Suppl. to Cat. Seals and Whales Brit. Mus., p. 98, 1871. Mediterranean Sea.

Epiodon chathamiensis Hector, Trans. and Proc. New Zealand Inst., 5: 164, text-f. a, b, pls. 4, 5, May 1873. Chatham Islands.

Delphinus savii Richiardi, Arch. per Zool., pl. 3, 7, 8, 1873.

Ziphius (Epiodon) novæ-zealandiæ Haast, Trans. and Proc. New Zealand Inst., 12: 241, pl. 8, May 1880. Lyttelton Harbor, New Zealand.

Ziphius grebnitzkii Stejneger, Proc. U. S. Nat. Mus., 6: 77, 22 June 1883. Commander Ids., Bering Sea.

Family BALÆNIDÆ. Right Whales

Eubalæna Gray. Right Whales

Balæna Linnæus, Syst. Nat., ed. 10, 1: 75, 1758, in part. Genotype *Balæna mysticetus* Linnæus.

Leiobalæna Eschricht, K. Dansk. Vid. Selsk. Skrifter, Kjöbenhavn, nat.-math. Afd., (5) 1: 108, 1849. Genotype the "Glathvaler."

Eubalæna Gray, Proc. Zool. Soc. London, p. 201, 1864. Genotype *Eubalæna australis* (Desmoulins).

Hunterus Gray, Ann. Mag. Nat. Hist. (3) 14: 349, Nov. 1864. Genotype *Hunterus temminckii* Gray = *Eubalæna glacialis* Bonnaterre. Spelling emended to *Hunterius* in Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 78, 1866.

Macleayius Gray, Proc. Zool. Soc. London, for 1864, p. 589, text-f. 1, 2, May 1865. Genotype *Macleayius australiensis* Gray.

Eubalæna australis (Desmoulins). Southern Right Whale.

Balæna australis Desmoulins, Dictionnaire Class. d'Hist. Nat., 2: 161, 1822. Cape of Good Hope, Algoa Bay. Doubtfully distinct from *glacialis;* see Lönnberg, E.

Balæna mysticetus antarctica Schlegel, Abh. aus dem Gebiete d. Zool., pt. 1, p. 37, 1841 (in part). Cape of Good Hope.

Balæna sieboldii Gray, Ann. Mag. Nat. Hist. (3) 14: 349, Nov. 1864. North Pacific.

Hunterus temminckii Gray, Ann. Mag. Nat. Hist., (3) 14: 349, Nov. 1864; *Hunterius temminckii* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 98, 1866. Cape of Good Hope.

EUBALÆNA GLACIALIS (Borowski). Atlantic Right Whale

Balæna glacialis Borowski, Gemeinnüzzige Naturgesch. d. Thierreichs, (Berlin), 2: pt. 1, p. 18, 1781. North Cape, Norway, also southern Atlantic Ocean, off coast of Africa, and near Antilles.

B[alæna] glacialis Bonnaterre, Tabl. Encycl. et Méthod. des Trois Règnes de la Nature, Cétologie, p. 3, 1789. Iceland.

Balæna nordcaper Lacépède, Hist. Nat. des Cétacées, p. 103, pls. 2, 3, (4to ed.), 1804. North Atlantic, between Spitsbergen, Norway and Iceland.

Balæna biscayensis Eschricht, Revue et Mag. de Zool. (2) 12: 229, May 1860. San Sebastian, Bay of Biscay, Spain.

Balæna cisarctica Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 168, Aug. 1865. Opposite Philadelphia, Pennsylvania.

Hunterius svedenborgii Lilljeborg, Nova Acta Reg. Soc. Sci. Upsala, (3) 6: pt. 2, no. 1, p. 35, pl. 9–11, 1867. Wånga, West Gothland, Sweden (subfossil).

Balæna britannica Gray, Ann. Mag. Nat. Hist. (4) 6: 198, Sep. 1870. Off Lyme Regis, England.

Balæna eubalæna Gray, Suppl. Cat. Seals and Whales Brit. Mus., p. 44, 1871 (not of Flower, 1864).

Balæna tarentina Capellini, Mem. Accad. Sci. dell'Ist. Bologna, (3) 8: 9, pl. 1, 1877. Gulf of Taranto, Italy.

Family BALÆNOPTERIDÆ. Finner Whales

BALÆNOPTERA Lacépède. Finback Whales

Balænoptera Lacépède, Hist. Nat. des Cétacées, 4to ed., p. xxxvi, 114, 1804. Genotype not named, but fixed by Flower (1864) as *Balæna rostrata* Müller = *Balænoptera acuto-rostrata* Lacépède.

Rorqual G. Cuvier, Règne Animal, ed. 2, 1: 298, 1829. Genotype not specified, but included *Balæna boops* Linnæus and *B. musculus* Linnæus. Form here used probably not intended as a generic term, but altered to *Rorqualus* F. Cuvier, Hist. Nat. des Cétacés, p. 303, pl. 20, 1836.

Pterobalæna Eschricht, Kongl. Danske Vid. Selsk. Skr., Kjöbenhavn, nat.-math. Afd., (5) 1: 108, 1849. Genotype the Finhval, = *Balænoptera physalus* Linnæus.

Benedenia Gray, Proc. Zool. Soc. London, p. 211, Nov. 1864. Genotype *Benedenia knoxii* Gray = *Balænoptera physalus* (Linnæus).

Rudolphius Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 170, 1866. As a subgenus of *Sibbaldius*, type *Sibbaldius laticeps* Gray = *Balænoptera borealis* Lesson.

BALÆNOPTERA ACUTO-ROSTRATA Lacépède. Little Piked Whale; Least Rorqual; Bay Whale

Balæna rostrata O. Fabricius, Fauna Grœlandica, p. 40, 1780 (not of P. L. S. Müller, 1776). Greenland Seas.

Balænoptera acuto-rostrata Lacépède, Hist. Nat. des Cétacées, 4to ed., pp. xxxvii, 134, pl. 8, 1804. Cherbourg, France.

Balæna minimus borealis Knox, Cat. Prep. Whale, p. 14, 1828.

Balæna minima Rapp, Die Cetaceen zool.-anat. dargestellt, p. 52, 1837.

Balænoptera eschrichtii Rasch, Nyt Mag. f. Naturvid., Christiania, 4: 123, 1845. Swedish coasts.

Pterobalæna minor grœnlandica and *bergensis* Eschricht, Kong. Dansk. Vid. Selsk. Skrift., Kjöbenhavn, (5) 1: 109, 1849. Greenland and Norway, respectively.

Balænoptera microcephala Gray (ex Brandt, MS.), Cat. Seals and Whales Brit. Mus., ed. 2, p. 188, 1866, in syn. of *B. rostrata*.

Sibbaldius mondinii Capellini, Mem. Accad. Sci. dell' Ist. Bologna, (3) 7: 423, 1877. Adriatic Sea.

Balænoptera edeni Anderson, Anat. and Zool. Researches Yunnan Exped., p. 551, pl. 44, 1879. Gulf of Martaban, between Sittang and Beeling Rivers, India.

BALÆNOPTERA BOREALIS Lesson. Lesser Rorqual; Sei Whale

Balæna rostrata Rudolphi, Abh. K. Wiss. Akad. Berlin for 1820–21, p. 27–40, pl. 1–5, 1822 (not of P. L. S. Müller, 1776; not of O. Fabricius, 1780). North Sea.

Balænoptera borealis Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 342, 1828. North Sea and Isle of Oléron, France.

Balænoptera laticeps Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 20, 1846. North Sea, coast of Holstein (ex Rudolphi).

Balænoptera brydei Olsen, Tidens Tegn, 12 Nov. 1912 (Norwegian newspaper); Proc. Zool. Soc. London, p. 1074, pl. 109, 110, 17 Dec. 1913. Saldahna Bay, Cape Colony.

BALÆNOPTERA PHYSALUS (Linnæus). Common Finback Whale

Balæna physalus Linnæus, Syst. Nat., ed. 10, 1: 75, 1758. European seas.

Balæna boops Linnæus, Syst. Nat., ed. 10, 1: 76, 1758 (young of *B. physalus*). "In Oceano septentrionali."

Balænoptera gibbar Lacépède, Hist. Nat. des Cétacées, (4to ed.) p. xxxvi, 114, 1804. Arctic Ocean, near Greenland.

Balænoptera rorqual Lacépède, Hist. Nat. des Cétacées, (4to ed.) p. xxxvii, 126, 1804. Eastern North Atlantic, Scotland to Mediterranean.

Balæna sulcata Neill, Mem. Wernerian Nat. Hist. Soc., Edinburgh, 1: 212, 1811. Near Alloa, Scotland.

Balænoptera mediterraneensis Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux découverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, pp. 361, 442 (name), 1828. Renaming of *B. rorqual* Lacépède. Mediterranean Sea.

Physalis vulgaris Fleming, History of Brit. Animals, p. 32, 1828. No locality.

Balæna antiquorum J. B. Fischer, Synopsis Mamm., p. 525, 1829. Mediterranean Sea.

Balænoptera aragous Farines and Carcassonne, Mém. sur un Cétacé échoué 27 nov. 1928 sur la Côte de Saint-Cyprien, 2 pp., 1829 (Perpignan). Coast of St. Cyprien, Corsica.

Balænoptera tenuirostris Sweeting, Charlesworth's Mag. Nat. Hist. (2) 4: 343, July 1840. Charmouth Beach, England.

Balæna sulcata arctica Schlegel, Abhandl. aus d. Gebiete d. Zool., pt. 1, p. 38, pl. 6, f. 1–5, 1841. Coast of Holland.

Physalus duguidii Heddle, Proc. Zool. Soc. London, p. 187, pl. 44, 45 (Mammals), 11 Dec. 1856. Island of Laman (or Lambholm), Orkneys. The name occurs on the plates only.

Balænoptera robusta Lilljeborg, Forhandl. ved Skandinaviske Naturforskeres Ottende Møde, Kjöbenhavn, for 1860, 8: 602, 1861. Sweden.

Benedenia knoxii Gray, Proc. Zool. Soc. London, p. 212, text-f. 8-8b, Nov. 1864. Coast of North Wales.

S[ibbaldius] tuberosus Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 16, 20 July 1869. Coast of eastern North America.

Sibbaldius tectirostris Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 17, 20 July 1869. Sinepuxent Bay, Maryland.

Balænoptera blythii Anderson, Anat. and Zool. Researches Yunnan Exped., p. 564, 1879. Indian Coast.

Dubertus rhodinsulensis Trumbull, in G. B. Goode, Fisheries and Fishery Industries of U. S., sect. 1, 1: 29, 1884 (nomen nudum). Rhode Island, U. S. Amer.

Megaptera Gray. Humpback Whale

Kyphobalæna Eschricht, Kongl. Danske Vid. Selsk. Skr., Kjöbenhavn, nat.-math. Afd., (5) 1: 108, 1849. Genotype *Kyphobalæna boops* (O. Fabricius) = *Megaptera nodosa* (Bonnaterre).

Megaptera Gray, Ann. Mag. Nat. Hist. (3) 14: 350, Nov. 1864. Genotype *Balæna longimana* Rudolphi = *Balæna nodosa* Bonnaterre.

Pæscopia Gray, Proc. Zool. Soc. London, p. 207, text-f. 3, Nov. 1864. Subgenus of *Megaptera*, type *Balæna lalandii* J. B. Fischer.

Megaptera novæangliæ (Borowski). Humpback Whale

Balæna boops O. Fabricius, Fauna Grœnlandica, p. 36, 1780, and later authors, but not of Linnæus. Greenland seas, especially Pamiut and Pissukbik.

Balæna novæ angliæ Borowski, Gemeinnüzzige Naturgesch. des Thierreichs (Berlin), 2: pt. 1, p. 21, p. 1781. New England coast.

For use of this name see Kellogg, R., Proc. Biol. Soc. Washington, 45: 148, 9 Sep. 1932.

B[alæna] nodosa Bonnaterre, Tabl. Encycl. et Méthod. d. Trois Règnes de la Nature, Cétologie, p. 5, 1789. New England coast.

Balænoptère pœskop Desmoulins, Dictionnaire Class. d'Hist. Nat., 2: 164, 1822. Cape of Good Hope. Not Latinized.

Balænoptera australis Lesson, Hist. Nat. Gén. et Partic. des Mamm. et Oiseaux decouverts depuis 1788 (Compl. Oeuvres de Buffon, 1), Cétacés, p. 372, 1828. Cape of Good Hope.

Balæna lalandii J. B. Fischer, Synopsis Mamm., p. 525, 1829. Cape of Good Hope.

Balæna longimana Rudolphi, Abh. K. Akad. Wiss. Berlin, p. 133, pl. 1–5, 1832.

Balænoptera capensis A. Smith, South African Quart. Journ., 2: 130, 1834. Cape of Good Hope.

Balænoptera leucopteron Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 202, 1842, nomen nudum. High southern latitudes.

Megaptera americana Gray, Zool. Voy. Erebus and Terror, 1: Mamm., p. 17, 1846. Bermuda Islands.

Balænoptera syncondylus A. Müller, Schrift. K. Phys.-oekonom. Ges. Königsberg, 4: 38, pl. 1–3, 1863. "Ostsee an die kurische Nehrung," Germany.

Megaptera gigas Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 179, Dec. 1865.

Megaptera osphyia Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 180, Dec. 1865. Forty miles off Petit Manan Lighthouse, Maine.

Megaptera expansa Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 193, Dec. 1868. Nomini Cliffs, Westmoreland County, Virginia (?Miocene).

Megaptera longimana var. *moorei* Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 122, 1866. Estuary of the Dee, Scotland.

Kyphobalæna képorkak Van Beneden, Bull. Acad. Roy. Sci., Lettres et Beaux-Arts Belgique, Bruxelles, (2) 25: 116, 1868. No locality.

Megaptera bellicosa Cope, Proc. Amer. Phil. Soc., 12: 107, text-f. 21–27, 1871. St. Bartholomew's, West Indies.

Megaptera novæ-angliæ Trouessart, Cat. Mamm. Viv. Foss., pt. 5, p. 1085, 1898, based on Brisson. New England coast.

Sibbâldus Gray

Sibbaldus Gray, Proc. Zool. Soc. London, p. 222, text-f. 16–18, Nov. 1864 Genotype *Sibbaldus borealis* Gray (not Lesson) = *Balæna musculus* Linnæus. Spelling changed to *Sibbaldius* by Flower, Proc. Zool. Soc. London, p. 391, 1864.

Cuvierius Gray, Cat. Seals and Whales Brit. Mus., ed. 2, p. 114, 1866. Genotype *Physalus latirostris* Flower = *Sibbaldus musculus* (Linnæus).

Flowerius Lilljeborg, Nova Acta Reg. Soc. Sci., Upsala, (3) 6: art. 6, p. 11, 1867. Genotype "*Flowerius gigas* (Eschricht), *Sibbaldius borealis* Gray" = *Balæna musculus* Linnæus.

Balænoptera in part, of authors.

Sibbaldus musculus (Linnæus). Blue Whale

Balæna musculus Linnæus, Syst. Nat., ed. 10, 1: 76, 1758. "In Mare Scotico" = Frith of Forth, Scotland.

Balænoptera jubartes Lacépède, Hist. Nat. des Cétacées (4to ed.), pp. xxxvii, 120, 1804. Greenland Seas to Iceland.

Balæna maximus borealis Knox, Cat. Prep. Whale, p. 5, 1828.

Physalus (*Rorqualus*) *sibbaldii* Gray, Proc. Zool. Soc. London, p. 92, 20 July 1847. Coast of Yorkshire, England.

Balænoptera gigas Reinhardt, in Rink's Grönland Geografisk og Statistisk Beskrevet, Bidrag, 1: pt. 2, p. 10, 1857. Greenland Seas.

Balænoptera indica Blyth, Journ. Asiatic Soc. Bengal, (2) 29: 488, 1859. Sondip, Bay of Bengal.

Balænoptera patachonica Burmeister, Proc. Zool. Soc. London, p. 191, text-f. 1–11, June 1865. Banks of La Plata River, "some leagues from Buenos Ayres," Argentina.

Balænoptera carolinæ Malm, Nagra blad om Hvaldjur i Allmænhet og Balænoptera carolinæ i Synnerhet, Goeteborg, 1866.

Sibbaldius sulfureus Cope, Proc. Acad. Nat. Sci. Philadelphia, p. 20, 20 July 1869. Northwest coast of United States.

Pterobalæna gryphus Munter, Mitth. Naturw. Verein von Neu-Vorpommern u. Rügen, 9: 1, pl. 1–2, 1877. Wieck bei Greifswald, Germany.

Order NOMARTHRA. Pangolins

Although this term originally included both the pangolins and the aardvarks, the latter have now been removed to a separate order, so that either the name must be used in the restricted sense, or a new one proposed.

Lepidota Lane, Science, new ser., 31: 913, 1910; to replace *Pholidota* Weber, 1904, not of Merrem, 1820. Not *Squamata* Huxley, 1872, which is antedated by the same term proposed by Oppel for reptiles. Not *Lepidota* Vogt, 1851; see Gill, Science, new ser., 32: 56, 8 July 1910.

Family MANIDÆ. Pangolins

Review: Pocock, R. I. The external characters of the pangolins (Manidæ). Proc. Zool. Soc. London, p. 707–723, text-f. 6–13, 22 Sep. 1924.

Subfamily SMUTSIINÆ

Smutsia Gray

Smutsia Gray, Proc. Zool. Soc. London, p. 369, Oct. 1865. Genotype *Manis temminckii* Smuts.

Smutsia gigantea (Illiger). Giant Ground Pangolin

Manis gigantea Illiger, Abh. K. Akad. Wiss., Berlin, p. 84, 1815.

Pholidotus africanus Gray, Proc. Zool. Soc. London, p. 368, pl. 17, text-f., Oct. 1865. River Niger.

Manis wagneri Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 48, 1872.

Smutsia temminckii (Smuts)

Manis temminckii Smuts, Enumerat. Mamm. Capensium, p. 54, pl. 3, f. 1–2, 1832. Cape of Good Hope, from beyond Latukou.

Phatages hedenborgii Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 69, 1872. Sennaar, and elsewhere in northeastern and central Africa.

Subfamily UROMANINÆ. Arboreal Pangolins

Phataginus Rafinesque

Phataginus Rafinesque, Ann. Gén. Sci. Phys. de Bruxelles, 7: 214, 1820. As a subgenus, type *Manis tricuspis* Rafinesque.

Phatagin Gray, Proc. Zool. Soc. London, p. 363, 2 text-f., Oct. 1865. As a subgenus of *Manis*; type *Manis tricuspis* Rafinesque.

Triglochinopholis Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 65: sect. 1, p. 27, 1872. Genotype *Manis tricuspis* Rafinesque.

Phataginus tricuspis (Rafinesque)

Manis tricuspis Rafinesque, Ann. Gén. Sci. Phys. de Bruxelles, 7: 214, 1820 West Africa.

Manis multiscutata Gray, Proc. Zool. Soc. London, p. 22, July 1843. "Western Africa."

M[anis] tridentata Focillon, Revue et Mag. de. Zool., (2) 2: 472, pl. 11, Sep. 1850. Coast of Mozambique (?).

Uromanis Pocock. Long-tailed Pangolin

Uromanis Pocock, Proc. Zool. Soc. London, pp. 722, 723, 22 Sep. 1924. Genotype *Manis longicaudata* Brisson.

Uromanis longicaudata (Brisson)

Pholidotus longicaudatus Brisson, Règne Anim., 3: Quadr., p. 19, 1762.

Manis tetradactyla Linnæus, Syst. Nat., ed. 12, 1: 53, 1766. "America australi." = West Africa.
Manis macroura Erxleben, Syst. Regni Animalis, p. 101, 1777. "Guinea?"
Manis ceonyx Rafinesque, Ann. Sci. Phys. Bruxelles, for 1820, 7: 215, 1821.
Manis africana Desmarest, Encyclop. Méthodique, Mammalogie, 2: 376, 1822. Senegal and Guinea.
Manis guineensis and *senegalensis* Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Cl., 65: sect. 1, p. 16, 17 resp., 1872. Guinea and Senegambia.
Manis hessi Noack, Zool. Jahrb., Syst., 4: 100, pl. 1; 3, f. 1–3, 28 Feb. 1889. Banana, north bank of the mouth of the Congo.

Order TUBULIDENTATA. Aard-varks

Family ORYCTEROPODIDÆ

Review: Pocock, R. I. Some external characters of *Orycteropus afer*. Proc. Zool. Soc. London, p. 697–706, text-f. 1–5, 22 Sep. 1924.

Orycteropus E. Geoffroy

Orycteropus E. Geoffroy, Décade Philosophique, 1795; Bull. Sci. Soc. Philomatique, Paris, (1) 1: 102, Apr.-Je. 1796. Genotype *Myrmecophaga capensis* Gmelin = *M. afra* Pallas.

Note: the status of most of the named forms is subject to revision.

Orycteropus afer afer (Pallas). South African Aard-vark
Myrmecophaga afra Pallas, Miscellanea Zool., p. 64, 1766. Cape of Good Hope.
Myrmecophaga capensis Gmelin, Linn. Syst. Nat., ed. 13, 1: pt. 1, p. 53, 1788. Cape of Good Hope.

Orycteropus afer adametzi Grote
Orycteropus afer adametzi Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 126, f. 2, June 1921. Bamessing, northwestern Cameroons.

Orycteropus afer æthiopicus Sundevall
Orycteropus æthiopicus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 236, pl. 3, f. 1–5, 1843. Near Bahr-el-Abiad, Sennaar.

Orycteropus afer albicaudus W. Rothschild
Orycteropus afer albicaudus W. Rothschild, Novitates Zool., 14: 506, 1 Nov. 1907. Former German Southwest Africa.

Orycteropus afer erikssoni Lönnberg
Orycteropus erikssoni Lönnberg, Arkiv f. Zool., 3: no. 3, p. 1, pl. 1, 15 Jan. 1906. Northern Congo.

ORYCTEROPUS AFER FARADJIUS Hatt

Orycteropus erikssoni faradjius Hatt, Amer. Mus. Novitates, no. 535, p. 1, 6 June 1932. Faradje, Haut-Uele, Congo Belge.

ORYCTEROPUS AFER HAUSSANUS Matschie

Orycteropus haussanus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 102, 104, 1900. Haussaland, interior of Togo, West Africa.

ORYCTEROPUS AFER KORDOFANICUS W. Rothschild

Orycteropus afer kordofanicus W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 512, Apl. 1927. Kordofan.

ORYCTEROPUS AFER LADEMANNI Grote

Orycteropus afer lademanni Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, June 1911. Wassi, north of Kondoa-Irangi, Masai Plains, Tanganyika Territory.

ORYCTEROPUS AFER LEPTODON Hirst

Orycteropus leptodon Hirst, Ann. Mag. Nat. Hist. (7) 17: 383, Mar. 1906. Efulen, Cameroons.

ORYCTEROPUS AFER MATSCHIEI Grote

Orycteropus afer matschiei Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 122, f. 1, June 1921. Mikindani, coast of Tanganyika Territory.

ORYCTEROPUS AFER OBSERVANDUS Grote

Orycteropus afer observandus Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, f. 1, June 1921. Ussangire, northwest of Ssongea, northeast coast of Lake Nyasa, Tanganyika Territory.

ORYCTEROPUS AFER RUVANENSIS Grote

Orycteropus afer ruvanensis Grote, Arch. f. Naturgesch., 87: sect. A, pt. 7, p. 123, f. 1, June 1921. Ruwana region, southeast coast of Victoria Nyanza, Tanganyika Territory.

ORYCTEROPUS AFER SENEGALENSIS Lesson

Orycteropus senegalensis Lesson, Revue Zoologique par Soc. Cuvierienne, 3: 225, Aug. 1840. Senegal.

Orycteropus senegalensis Schinz, Syst. Verzeichn. d. Säugeth., 2: 319, 1845. Podor River, Senegambia.

These two are apparently independent namings of the same animal.

ORYCTEROPUS AFER SOMALICUS Lydekker

O[rycteropus] a[fer] somalicus Lydekker, Game Animals of Africa, p. 466, 1908. Somaliland.

Orycteropus afer wardi Lydekker

O[rycteropus] a[fer] wardi Lydekker, Game Animals of Africa, p. 467, 1908. Northeastern Rhodesia.

Orycteropus afer wertheri Matschie

Orycteropus wertheri Matschie, in Werther, C. W., Die mittleren Hochländer des nördlichen Deutsch-Ost-Afrika, (Berlin), p. 266, 1898. Inland of Bagamoyo, Tanganyika Territory.

Order RODENTIA. Gnawing Mammals

St. Leger, Jane. A key to the families and genera of African Rodentia. Proc. Zool. Soc. London, p. 957–997, pl. 1–10 (col.), 30 Sep. 1931.

Suborder DUPLICIDENTATA

Family LEPORIDÆ. Hares and Rabbits

Bunolagus Thomas. Kopje Hares

Bunolagus Thomas, Proc. Zool. Soc. London, p. 109, 30 Apl. 1929. Genotype *Lepus monticularis* Thomas.

Bunolagus monticularis (Thomas)

Lepus monticularis Thomas, Ann. Mag. Nat. Hist. (7) 11: 78, Jan. 1903. Deelfontein, central Cape Colony.

Lepus Linnæus. Hares

Lepus Linnæus, Syst. Nat., ed. 10, 1: 57, 1758. Genotype *Lepus timidus* Linnæus.

Chionobates Kaup, Skizzirte Entw.-Gesch. Naturl. Syst. Europ. Thierwelt, 1: 170, 1829. Genotypes *Lepus variabilis* and *L. borealis*.

Eulagos Gray, Ann. Mag. Nat. Hist. (3) 20: 222, Sep. 1867. No type specified; included *Eulagos mediterraneus* (Wagner) and *Eulagos judææ* Gray.

Eulepus Acloque, Faune de France, Mamm., p. 52, 1900. As a subgroup of *Lepus*, to include *L. timidus* Linnæus and *L. variabilis* Pallas, of which the former is now designated as type.

Lepus ægyptius Desmarest

Lepus ægyptius Desmarest, Encyclop. Méthodique, Mammalogie, suppl., p. 350, 1822 (in part). Egypt.

Lepus æthiopicus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio n, page 2, pl. 13, Oct. 1832. Nubia and Dongola, Upper Nile.

LEPUS ANGOLENSIS ANGOLENSIS Thomas

Lepus angolensis Thomas, Ann. Mag. Nat. Hist. (7) 13: 420, text-f., June 1904. Ambaca, Angola.

LEPUS ANGOLENSIS MERIDIONALIS Monard

Lepus angolensis meridionalis Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 61, 1932. Kubango region, Angola (Rio Mbalé, Vila da Ponte, Caquindo).

LEPUS ANSORGEI ANSORGEI Thomas and Wroughton

Lepus ansorgei Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 176, Aug. 1905. Caiala, Bihé, Angola, 6000 ft. alt.

LEPUS ANSORGEI ZAIRENSIS Hatt

Lepus ansorgei zairensis Hatt, Revue Zool. et Bot. Africaines, 26: 423, fig., 15 June 1935. Camp de la Lufu, lower Congo, Congo Belge.

LEPUS ATLANTICUS De Winton

Lepus atlanticus De Winton, Proc. Zool. Soc. London, for 1897, p. 960, text-f. 3, 5, Apl. 1898. Ras-el-Ain, in Hahá, Morocco.

Range: Southwestern Morocco.

LEPUS BARCÆUS Ghigi

Lepus barcæus Ghigi, Mem. R. Accad. Sci. Ist. Bologna, (7) 7: 81, Dec. 1920. Woods of Frejna, near Merg, Egypt.

LEPUS BERBERANUS Heuglin

Lepus berberanus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28: no. 10, p. 5, 1861. No locality; Berbera, Somaliland, implied.

LEPUS CANOPUS Thomas and Hinton

Lepus canopus Thomas and Hinton, Novitates Zool., 28: 12, May 1921. Farniso, near Kano, northern Nigeria.

LEPUS CAPENSIS CAPENSIS Linnæus

Lepus capensis Linnæus, Syst. Nat., ed. 10, 1: 58, 1758. Cape of Good Hope.

Lepus arenarius I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 9: 383, Feb. 1826 (young). "Dans les sables du pays des Hottentots."

Lepus capensis var. *major* Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 19, 1858. Roodeval, Karroo, Cape of Good Hope.

LEPUS CAPENSIS ABBOTTI Hollister

Lepus capensis abbotti Hollister, Proc. Biol. Soc. Washington, 31: 35, 16 May 1918. Plains east of Mt. Kilimanjaro, Kenya Colony.

LEPUS CAPENSIS AQUILO Thomas and Wroughton

Lepus capensis aquilo Thomas and Wroughton, Proc. Zool. Soc. London, p. 297, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

LEPUS CAPENSIS BEDFORDI Roberts

Lepus capensis bedfordi Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. Kalkbank, Pietersburg district, Transvaal.

LEPUS CAPENSIS CENTRALIS Thomas

Lepus capensis centralis Thomas, Ann. Mag. Nat. Hist. (7) 12: 344, Sep. 1903. Deelfontein, Cape of Good Hope.

LEPUS CAPENSIS CRAWSHAYI De Winton

Lepus crawshayi De Winton, Proc. Zool. Soc. London, p. 416, pl. 24, 1 Aug. 1899. Kitwi, east of Athi River and northeast of Machakos, Kenya Colony.

LEPUS CAPENSIS ERMELOENSIS Roberts

Lepus capensis ermeloensis Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. South Africa.

LEPUS CAPENSIS GRANTI Thomas and Schwann

Lepus capensis granti Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 182, 9 June 1904. Port Nolloth, Little Namaqualand, Southwest Africa.

LEPUS CAPENSIS HARTSENSIS Roberts

Lepus capensis hartsensis Roberts, Ann. Transvaal Mus., 15: 14, 1 Oct. 1932. Fourteen Streams, Orange Free State, South Africa.

LEPUS CAPENSIS KALAHARICUS Dollman

Lepus ochropus kalaharicus Dollman, Ann. Mag. Nat. Hist. (8) 6: 400, Oct. 1910. Lehutitung, Bechuanaland.

LEPUS CAPENSIS LANGI Roberts

Lepus capensis langi Roberts, Ann. Transvaal Mus. ,15: 15, 1 Oct. 1932. Nkate, northern Bechuanaland.

LEPUS CAPENSIS MANDATUS Thomas

Lepus capensis mandatus Thomas, Proc. Zool. Soc. London, 1: 309, 29 Apl. 1926. Berseba, Great Namaqualand, Southwest Africa.

LEPUS CAPENSIS NARRANUS Thomas

Lepus capensis narranus Thomas, Proc. Zool. Soc. London, 1: 309, 29 Apl. 1926. Rooibank, Kuiseb River, Namib Desert, Southwest Africa.

LEPUS CAPENSIS OCHROPOIDES Roberts

Lepus capensis ochropoides Roberts, Ann. Transvaal Mus., 13: 121, 6 July 1929. Burghersdorp, Cape Province.

LEPUS CAPENSIS OCHROPUS Wagner

Lepus ochropus Wagner, Schreber's Säugthiere, Suppl., 4: 96, 1844. Cape of Good Hope.

"The yellow-naped High Veldt representative" of *L. capensis* (Thomas).

LEPUS CAPENSIS SALÆ Jentink

Lepus salæ Jentink, Notes Leyden Mus., 2: 57, Apl. 1880. Mossamedes, Benguela, Angola.

See Thomas, O., Proc. Zool. Soc. London, p. 309, 29 Apl. 1926, as to status of this form.

LEPUS CAPENSIS VERNAYI Roberts

Lepus capensis vernayi Roberts, Ann. Transvaal Mus., 15: 13, 1 Oct. 1932. Geluk, Kroonstad, Bechuanaland.

LEPUS CHADENSIS Thomas and Wroughton

Lepus chadensis Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 384, May 1907. Kadde, Lake Chad.

LEPUS CORDEAUXI Drake-Brockman

Lepus cordeauxi Drake-Brockman, Ann. Mag. Nat. Hist. (8) 8: 276, Aug. 1911. Sheikh Mahomed, eastern Arussi, Abyssinia.

LEPUS CRISPII Drake-Brockman

Lepus crispii Drake-Brockman, Ann. Mag. Nat. Hist. (8) 8: 275, Aug. 1911. Obbia, Italian Somaliland.

LEPUS FAGANI Thomas

Lepus fagani Thomas, Proc. Zool. Soc. London, for 1902, 2: 315, Apl. 1903. Zegi, Lake Tana, Ethiopia, 4000 ft.

LEPUS GUNGUNYANÆ Roberts

Lepus gungunyanæ Roberts, Ann. Transvaal Mus., 4: 184, 22 Aug. 1914. Jabwielu, between Bubye and Nuanetsi Rivers, southeastern Rhodesia.

LEPUS HABESSINICUS Hemprich and Ehrenberg

Lepus habessinicus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio p, 2d page, pl. 15, f. 2, Oct. 1832. East coast of Abyssinia, near Arkiko.

LEPUS HARTERTI Thomas

Lepus harterti Thomas, Novitates Zool., 10: 301, 25 Aug. 1903. Rio de Oro.

LEPUS HAWKERI Thomas

Lepus hawkeri Thomas, Ann. Mag. Nat. Hist. (7) 8: 277, Oct. 1901. Kaka, Anglo-Egyptian Sudan.

LEPUS ISABELLINUS Cretzschmar

Lepus isabellinus Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördliche Afrika, Säugeth., p. 52, pl. 20, 1826. Deserts southwest of Ambukol, Sudan.

LEPUS KABYLICUS De Winton

Lepus kabylicus De Winton, Ann. Mag. Nat. Hist. (7) 1: 155, Feb. 1898. Algiers, Algeria.

LEPUS PALLIDIOR Barrett-Hamilton

Lepus pallidior Barrett-Hamilton, Ann. Mag. Nat. Hist. (7) 2: 422, Nov. 1898. Aures Mts., near Biskra, Algeria.

LEPUS RAINEYI Heller

Lepus raineyi Heller, Smithsonian Misc. Coll., 59: no. 16, p. 18, 5 July 1912. Longaya Water, 30 miles south of Mt. Marsabit, Kenya Colony.

LEPUS ROTHSCHILDI De Winton

Lepus rothschildi De Winton, Novitates Zool., 9: 444, 25 July 1902. Giza Province, Egypt.

Lepus innesi De Winton, Novitates Zool., 9: 445, 25 July 1902. Gattah, Fayoûm Province, Egypt.

LEPUS SAXATILIS SAXATILIS F. Cuvier

Lepus saxatilis F. Cuvier, Dictionnaire des Sci. Nat., 26: 309, 1823. Cape of Good Hope.

Lepus rufinucha A. Smith, Zool. Journ., 4: 440, 1829. "Rocky and mountainous situations in South Africa."

Lepus longicaudatus Gray, Charlesworth's Mag. Nat. Hist. (2) 1: 586, Sep. 1837. "Magellan Land," but doubtless South Africa.

Lepus fumigatus Wagner, Schreber's Säugthiere, Suppl., 4: 98, pl. 233 G, 1844. "Kaffernland."

LEPUS SAXATILIS ALBANIENSIS Roberts

Lepus saxatilis albaniensis Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Kleinpoort, Fish River Valley, Albany district, Cape Colony.

LEPUS SAXATILIS AURANTII Thomas and Hinton
Lepus saxatilis aurantii Thomas and Hinton, Proc. Zool. Soc. London, p. 497, 3 Sep. 1923. Louisvale, Orange River, Transvaal.

LEPUS SAXATILIS CHIVERSI Roberts
Lepus saxatilis chiversi Roberts, Ann. Transvaal Mus., 13: 119, 6 July 1929. Rouxville, Orange Free State.

LEPUS SAXATILIS CHOBIENSIS Roberts
Lepus saxatilis chobiensis Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Kabulabula, Chobe River, Transvaal.

LEPUS SAXATILIS DAMARENSIS Roberts
Lepus zuluensis damarensis Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Quickborn, Okahandja, Damaraland, Southwest Africa.
Lepus saxatilis bechuanæ Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Gaberones, Bechuanaland.

LEPUS SAXATILIS HERERO Thomas
Lepus capensis herero Thomas, Proc. Zool. Soc. London, 1: 308, 29 Apl. 1926. Lukualukasi, Ovamboland, Southwest Africa.

LEPUS SAXATILIS MEGALOTIS Thomas and Schwann
Lepus saxatilis megalotis Thomas and Schwann, Proc. Zool. Soc. London, 1: 271, 10 Aug. 1905. Klipfontein, Little Namaqualand, Cape of Good Hope.

LEPUS SAXATILIS MICKLEMI Chubb
Lepus zuluensis micklemi Chubb, Ann. Mag. Nat. Hist. (8) 1: 466, June 1908. Bulawayo, Southern Rhodesia.

LEPUS SAXATILIS NGAMIENSIS Roberts
Lepus saxatilis ngamiensis Roberts, Ann. Transvaal Mus., 15: 12, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

LEPUS SAXATILIS NIGRESCENS Roberts
Lepus saxatilis nigrescens Roberts, Ann. Transvaal Mus., 15: 13, 1 Oct. 1932. Vila Pery, inland from Beira, Mozambique.

LEPUS SAXATILIS SUBRUFUS Roberts
Lepus zuluensis subrufus Roberts, Ann. Transvaal Mus., 4: 100, 20 Oct. 1913. Wakkerstroom, Transvaal.

LEPUS SAXATILIS ZULUENSIS Thomas and Schwann
Lepus saxatilis zuluensis Thomas and Schwann, Proc. Zool. Soc. London, 1: 270, 10 Aug. 1905. Umvolosi, Zululand, Natal.

LEPUS SCHLUMBERGERI SCHLUMBERGERI Saint-Loup

Lepus schlumbergeri Saint-Loup, Bull. Soc. Zool. de France, 19: 168, Dec. 1894. Yerf-el-Acaab, El Fahs, Morocco (Cabrera).

Range: Northeastern Morocco from the Straits of Gibraltar to Yebala, and perhaps to Um-er-Rbia.

LEPUS SCHLUMBERGERI MAROCCANUS Cabrera

Lepus maroccanus Cabrera, Bol. R. Soc. Española Hist. Nat., Madrid, 7: 178, Apl. 1907. Marrakesh, Morocco.

Range: Southern plateau of the interior of Morocco, south of Um-er-Rbia; southeast to Seksaua.

LEPUS SCHLUMBERGERI PEDIÆUS Cabrera

Lepus schlumbergeri pediæus Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 23: 332, 30 July 1923; Trab. Mus. Nac. de Cienc. Nat., Madrid, zool., no. 57, p. 304, pl. 10, f. B (col.), 30 Dec. 1932. Ayeddin, eastern Rif, Morocco.

LEPUS SCHLUMBERGERI SEFRANUS Thomas

Lepus sefranus Thomas, Novitates Zool., 20: 590, 21 Oct. 1913. Ain Sefra, Morocco, 1100 m.

Range: Extreme southeastern Morocco and adjacent parts of the Algerian Sahara.

LEPUS SCHLUMBERGERI SHERIF Cabrera

Lepus sherif Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 6: 366, July 1906. Mogador, Morocco.

Lepus schlumbergeri sherif Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool., no. 57, p. 303, pl. 10, f. 1, 30 Dec. 1932.

Range: Southwestern Morocco, between the Great Atlas and the sea.

LEPUS SENEGALENSIS (Rochebrune)

Cuniculus senegalensis Rochebrune, Actes Soc. Linn. de Bordeaux, (4) 7: 120, 1883. Cayor and Oualo, dunes of right bank of the Senegal, Senegambia.

LEPUS SOMALENSIS Heuglin

Lepus somalensis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28: no. 10, p. 5, 1861. No locality; Somaliland implied.

LEPUS TIGRENSIS Blanford

Lepus tigrensis Blanford, Ann. Mag. Nat. Hist. (4) 4: 330, Nov. 1869. Tigré, Takonda, highlands of Abyssinia (Ethiopia), 2500 m. alt.

Lepus abyssinicus Lefebvre, Voyage en Abyssinie, zool., 6: atlas, pl. 5, f. 1, 1850.

LEPUS TUNETÆ De Winton

Lepus tunetæ De Winton, Ann. Mag. Nat. Hist. (7) 1: 157, Feb. 1898. Tunis.

LEPUS VICTORIÆ VICTORIÆ Thomas

Lepus victoriæ Thomas, Ann. Mag. Nat. Hist. (6) 12: 268, Oct. 1893. Nassa, Speke Gulf, Victoria Nyanza, Tanganyika Territory.

LEPUS VICTORIÆ KAKUMEGÆ Heller

Lepus kakumegæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 19, 5 July 1912. Lukosa River, Kakumega Forest, Kenya Colony.

LEPUS VICTORIÆ MICROTIS Heuglin

Lepus microtis Heuglin, Leopoldina, 5: 32, June 1865, in Nova Acta Acad. Cæs. Leop.-Carol., Halle, 24: 1865. "Lande der Ridj," Bahr-el-Ghazal, Anglo-Egyptian Sudan.

As to status of this hare, see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 169, 1919.

LEPUS WHITAKERI Thomas

Lepus whitakeri Thomas, Proc. Zool. Soc. London, 2: 12, pl. 1 (col.), Oct. 1902. Wadi Agarib, northwest of Sokna, Tripoli.

LEPUS WHYTEI Thomas

Lepus whytei Thomas, Proc. Zool. Soc. London, p. 142, June 1894; for 1896, p. 795, Apl. 1897. Palombi River, Shirwa plain, Nyasaland.

ORYCTOLAGUS Lilljeborg

Oryctolagus Lilljeborg, Sverig. och Norges Ryggradsdjur, 1: 417, 441, 1873. Subgenus of *Lepus*, type *Lepus cuniculus* Linnæus.

Cuniculus Meyer, Mag. f. Thiergesch., 1: 52, 1790. No type specified; not of Brisson, 1762; not of Wagler, 1830.

ORYCTOLAGUS CUNICULUS CUNICULUS (Linnæus)

Lepus cuniculus Linnæus, Syst. Nat., ed. 10, 1: 58, 1758. "Europa australi." Introduced under domestication, and sometimes feral as in lower Egypt.

ORYCTOLAGUS CUNICULUS ALGIRUS (Loche)

Cuniculus algirus Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 27, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 122, 1867. Algeria.

The name is credited to Gervais, ex Léréboullet, but the former gives no Latin name.

Range: Morocco, east to northern Algeria, in the western part of department of Constantine. See Cabrera, A., Sobre los conejos de Marruecos. Bol. Soc. Española Hist. Nat., Madrid, 23: 356–367, 29 Oct. 1923.

ORYCTOLAGUS CUNICULUS HABETENSIS Cabrera

O[ryctolagus] cuniculus habetensis Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 23: 366, 29 Oct. 1923. Dar Amezuk, Morocco.

Range: Straits of Gibraltar to Lau, Yebala.

ORYCTOLAGUS CUNICULUS OREAS Cabrera

Oryctolagus cuniculus oreas Cabrera, Bol. Soc. Española Hist. Nat., Madrid, 22: 112, 27 Feb. 1922. Xauen, Morocco.

Range: Southeastern part of Yebala, Morocco, east to the high Rif.

POËLAGUS St. Leger

Poëlagus St. Leger, Proc. Zool. Soc. London, p. 119, text-f. 1b, 2b, 3b, 30 Mar. 1932. Genotype *Lepus marjorita* St. Leger.

POËLAGUS MARJORITA MARJORITA (St. Leger). Grass Hare

Lepus marjorita St. Leger, Ann. Mag. Nat. Hist. (10) 4: 292, Sep. 1929. Near Masindi, Bunyoro, Uganda, 4000 ft.

POËLAGUS MARJORITA LARKENI St. Leger

Poëlagus marjorita larkeni St. Leger, Ann. Mag. Nat. Hist. (10) 16: 598, Dec. 1935. Yambio district, 100 miles north of Diawo, southwestern Bahr-el-Ghazal, Anglo-Egyptian Sudan.

PRONOLAGUS Lyon. Rock Hares

Pronolagus Lyon, Smithsonian Misc. Coll., 45: 416, 15 June 1904. Genotype *Pronolagus crassicaudatus* Lyon (not Geoffroy) = *P. ruddi* Thomas and Schwann (see Lyon, M. W., jr., Proc. Biol. Soc. Washington, 19: 95, 4 June 1906).

PRONOLAGUS CAUCINUS Thomas

Pronolagus caucinus Thomas, Proc. Zool. Soc. London, p. 109, 30 Apl. 1929. Karibib, Kaokoveld, Southwest Africa.

PRONOLAGUS CRASSICAUDATUS CRASSICAUDATUS (I. Geoffroy). Rock Hare

Lepus crassicaudatus I .Geoffroy, Guérin's Mag. de Zool., 2: cl. 1, pl. 9 and text, 1832. Port Natal, Natal.

Lepus rupestris A. Smith, South African Quart. Journ., 2: 174, 1834. South Africa.

Lepus melanurus Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: pt. 2, p. 137, 1842. Cape Colony.

PRONOLAGUS CRASSICAUDATUS AUSTRALIS Roberts
Pronolagus crassicaudatus australis Roberts, Ann. Transvaal Mus., 15: 270, 1 Aug. 1933. Clan William, Cape of Good Hope.

PRONOLAGUS CRASSICAUDATUS BOWKERI Hewitt
Pronolagus crassicaudatus bowkeri Hewitt, Records Albany Mus., 3: 437, pl. 26, f. 1; pl. 27, f. 7, 31 July 1927. Gaika's Kop, Amatola Mts., Cape Colony.

PRONOLAGUS CRASSICAUDATUS CURRYI (Thomas)
Oryctolagus crassicaudatus curryi Thomas, Ann. Mag. Nat. Hist. (7) 10: 245, Sep. 1902. Boshof, Orange Free State.

PRONOLAGUS CRASSICAUDATUS NYIKÆ (Thomas)
Oryctolagus crassicaudatus nyikæ Thomas, Ann. Mag. Nat. Hist. (7) 10: 244, Sep. 1902. Nyika plateau, northern Nyasaland, highest peaks, at 7000 ft.

PRONOLAGUS CRASSICAUDATUS SAUNDERSIÆ Hewitt
Pronolagus crassicaudatus saundersiæ Hewitt, Records Albany Mus., 3: 434, pl. 26, f. 2, 31 July 1927. Albany district, Cape Colony.

PRONOLAGUS CRASSICAUDATUS VALLICOLA Kershaw
Pronolagus crassicaudatus vallicola Kershaw, Ann. Mag. Nat. Hist. (9) 13: 80, Jan. 1924. Rift Valley, Kenya Colony.

PRONOLAGUS RANDENSIS RANDENSIS Jameson
Pronolagus ruddi randensis Jameson, Ann. Mag. Nat. Hist. (7) 20: 404, Nov. 1907. Observatory, Johannesburg, Transvaal, 5900 ft.

PRONOLAGUS RANDENSIS CAPRICORNIS Roberts
Pronolagus randensis capricornis Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Newgate, on the Zoutpansberg, Transvaal.

PRONOLAGUS RANDENSIS MAKAPANI Roberts
P[ronolagus] randensis makapani Roberts, Ann. Transvaal Mus., 10: 75, 31 Jan. 1924. Makapan's Caves, near Piet Potgietersrust, Transvaal.

PRONOLAGUS RANDENSIS POWELLI Roberts
Pronolagus randensis powelli Roberts, Ann. Transvaal Mus., 10: 75, 31 Jan. 1924. Rooikrans, Rustenburg district, Transvaal.

PRONOLAGUS RUDDI RUDDI Thomas and Schwann
Pronolagus ruddi Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apl. 1905; Proc. Zool. Soc. London, 1: 272, pl. 16, f. 4, 5, 10 Aug. 1905. Sibudeni, Zululand, Natal.

PRONOLAGUS RUDDI KARIEGÆ Hewitt

Pronolagus ruddi kariegæ Hewitt, Records Albany Mus., 3: 433, pl. 27, f. 5–6, 31 July 1927. Bathurst district, Kariega River, Cape Colony.

PRONOLAGUS RUDDI LEBOMBO Roberts

Pronolagus ruddi lebombo Roberts, Ann. Transvaal Mus., 18: 240, 21 Feb. 1936. Ubombo, Mozambique.

Pronolagus ruddi lebomboensis Roberts, Ann. Transvaal Mus., 18: 173, 21 Feb. 1936. Accidental renaming of *P. ruddi lebombo*.

Suborder SIMPLICIDENTATA

Family ANOMALURIDÆ. Spiny-tailed Squirrels

Subfamily ANOMALURINÆ

Review: Allen, J. A. Sciuridæ, Anomaluridæ, and Idiuridæ collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 47: 39–71, pl. 5, 27 Oct. 1922.

ANOMALURELLA Matschie

Anomalurella Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 351, July 1914. Subgenus? of *Anomalurus*, type *Anomalurus pusillus* Thomas.

ANOMALURELLA PUSILLA PUSILLA (Thomas)

Anomalurus pusillus Thomas, Ann. Mag. Nat. Hist. (5) 20: 440, Nov. 1887. Bellima and Tingasi, Monbuttu (=Niangara), Congo Belge.

ANOMALURELLA PUSILLA BATESI (De Winton)

Anomalurus batesi De Winton, Ann. Mag. Nat. Hist. (6) 20: 524, Dec. 1897. Como River, 75 miles from Gaboon.

ANOMALUROPS Matschie

Anomalurops Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 351, July 1914. Subgenus of *Anomalurus*, type *A. beecrofti* Fraser.

ANOMALUROPS BEECROFTI BEECROFTI (Fraser)

Anomalurus beecrofti Fraser, Proc. Zool. Soc. London, for 1852, p. 17, pl. 32, 14 Nov. 1853. Island of Fernando Po.

Anomalurus laniger Temminck, Esquisses Zool. sur la Côte de Guiné, p. 149, 1853 (young). Guinea coast.

ANOMALUROPS BEECROFTI ARGENTEUS (Schwann)

Anomalurus beecrofti argenteus Schwann, Ann. Mag. Nat. Hist. (7) 13: 70, Jan. 1904. Abutschi, Niger River, about 150 miles from coast.

ANOMALUROPS BEECROFTI CHAPINI J. A. Allen

Anomalurops beecrofti chapini J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: p. 65, 27 Oct. 1922. Medje, Congo Belge.

ANOMALUROPS BEECROFTI CITRINUS (Thomas)

Anomalurus beecrofti citrinus Thomas, Ann. Mag. Nat. Hist. (8) 18: 236, Aug. 1916. Benito River, Spanish Guinea.

Range: Lowlands from southern Cameroons to Gaboon.

ANOMALURUS Waterhouse

Anomalurus Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, Jan. 1843. Genotype *Anomalurus fraseri* Waterhouse.

Aroæthrus Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, footnote, Jan. 1843. Provisional substitute for *Anomalurus* Waterhouse.

ANOMALURUS CINEREUS Thomas

Anomalurus cinereus Thomas, Ann. Mag. Nat. Hist. (6) 15: 188, Feb. 1895. Upper Rovuma River, toward Lake Nyasa, Tanganyika Territory.

ANOMALURUS ERYTHRONOTUS Milne-Edwards

Anomalurus erythronotus Milne-Edwards, Compt. Rend. Acad. Sci., Paris, 89: 771, 1879; Huet, Nouv. Arch. Mus. d'Hist. Nat., Paris, (2) 6: 285, pl. 21, 1884. Gaboon.

ANOMALURUS FRASERI FRASERI Waterhouse

Anomalurus fraseri Waterhouse, Proc. Zool. Soc. London, for 1842, p. 124, Jan. 1843. Fernando Po.

Pteromys squamicaudus Schinz, Syst. Verzeichn. Säugeth., 2: 58, 1845 (renaming of *Anomalurus fraseri* Waterhouse). Fernando Po.

Anomalurus fraseri laticeps d'Aguilar-Amat, Butlleti Inst. Catalana d'Hist. Nat., Barcelona, 2: 53, pl. 1, f. 1–1b, Mar. 1922. Pico de Santa Isabel, Fernando Po. (Syn. of *A. fraseri*, see Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 68, 28 Feb. 1923.)

ANOMALURUS FRASERI BELDENI Du Chaillu

Anomalurus beldeni Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 303, July 1860. Gaboon.

ANOMALURUS FRASERI CHRYSOPHÆNUS Dubois
Anomalurus chrysophænus Dubois, Bull. Soc. Zool. de France, Paris, 13: 23, Jan. 1888. Landana, southern Congo.

ANOMALURUS FRASERI DERBIANUS (Gray)
Pteromys derbianus Gray, Ann. Mag. Nat. Hist. (1) 10: 262, Dec. 1842. Sierra Leone.

ANOMALURUS FRASERI GRISELDA Dollman
Anomalurus fraseri griselda Dollman, Ann. Mag. Nat. Hist. (8) 14: 490, Dec. 1914. Bitye, southern Cameroons.

ANOMALURUS FRASERI NIGRENSIS Thomas
Anomalurus fraseri nigrensis Thomas, Abstr. Proc. Zool. Soc. London, no. 10, p. 12, 22 Nov. 1904; Proc. Zool. Soc. London, for 1904, 2: 190, 18 Apl. 1905. Abutschi, lower Niger River, Nigeria.

ANOMALURUS FULGENS Gray
Anomalurus fulgens Gray, Ann. Mag. Nat. Hist. (4) 3: 467, June 1869; Alston, Proc. Zool. Soc. London, p. 96, pl. 21 (col.), June 1875. Gaboon.

ANOMALURUS IMPERATOR Dollman
Anomalurus imperator Dollman, Ann. Mag. Nat. Hist. (8) 8: 257, Aug. 1911. Bibianaha, 60 miles west of Kumasi, Gold Coast.

ANOMALURUS JACKSONI JACKSONI De Winton
Anomalurus jacksoni De Winton, Ann. Mag. Nat. Hist. (7) 1: 251, Mar. 1898. Entebbe, Uganda.

ANOMALURUS JACKSONI FORTIOR Lönnberg
Anomalurus jacksoni fortior Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 66, 1 Sep. 1917. Masisi, near Kivu, Congo Belge.

ANOMALURUS JACKSONI JORDANI St. Leger
Anomalurus jacksoni jordani St. Leger, Novitates Zool., 39: 251, 30 Aug. 1935. Fazenda Congulu, Amboin district, Angola, 7–800 m.

ANOMALURUS JACKSONI PERUSTUS Thomas
Anomalurus jacksoni perustus Thomas, Ann. Mag. Nat. Hist. (8) 18: 235, Aug. 1916. River Lubefu, 75 miles north of Lusambo, South Congo.

ANOMALURUS NEAVEI Dollman
Anomalurus neavei Dollman, Ann. Mag. Nat. Hist. (8) 3: 351, Apl. 1909. Kambove, Katanga, Congo.

ANOMALURUS ORIENTALIS Peters

Anomalurus orientalis Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 164, pl. (col.), 1880. Zanzibar.

Subgenus ANOMALURODON Matschie

Anomalurodon Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, July 1914. Subgenus of *Anomalurus*, type *A. auzembergeri* Matschie.

ANOMALURUS AUZEMBERGERI Matschie

A[nomalurus] auzembergeri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 350, July 1914. Near Patokla, middle Cavalle River, near boundary between Liberia and Ivory Coast.

ANOMALURUS PELII (Schlegel and S. Müller)

Pteromys (*Anomalurus*) *pelii* Schlegel and S. Müller, Verhandeel. over Natuurl. Geschiedn. Nederland. Bezittingen, Zool., publ. by Natuurkundige Commissie in Oostindië, C. J. Temminck, ed., 1: pt. 2, p. 109, 1843–5. Daboeram (=Dabacrom), Gold Coast.

Subfamily IDIURINÆ

IDIURUS Matschie. Pygmy Scaly-tailed Squirrels

Idiurus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 194, 1894. Genotype *Idiurus zenkeri* Matschie.

IDIURUS LANGI J. A. Allen

Idiurus langi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 69, pl. 5, 27 Oct. 1922. Medje, Congo Belge.

IDIURUS MACROTIS Miller

Idiurus macrotis Miller, Proc. Biol. Soc. Washington, 12: 73, text-f. 15–19, 24 Mar. 1898. Efulen, Cameroons.

IDIURUS PANGA J. A. Allen

Idiurus panga J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 70, 27 Oct. 1922. Panga, Congo Belge.

IDIURUS ZENKERI ZENKERI Matschie

Idiurus zenkeri Matschie, Sitzb. Ges. Naturf. Freunde, p. 197, text-f., 1894; p. 25, text-f. 3, 1898. Yaunde, Cameroons.

IDIURUS ZENKERI KIVUENSIS Lönnberg

Idiurus zenkeri kivuensis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 67, 1 Sep. 1917. Masisi, Kivu district, Congo Belge.

Zenkerella Matschie

Zenkerella Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 23, text-f. 1, 2, 17 May 1898. Genotype *Zenkerella insignis* Matschie.

Aëthurus De Winton, Proc. Zool. Soc. London, p. 450, pl. 34, 35, 1 Oct. 1898. Genotype *Aëthurus glirinus* De Winton = *Zenkerella insignis* Matschie.

Zenkerella insignis Matschie. Non-flying Scaly-tailed Squirrel.

Zenkerella insignis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 24, text-f. 1, 2, 17 May 1898. Yaunde, Cameroons.

Aëthurus glirinus De Winton, Proc. Zool. Soc. London, p. 451, pl. 34, 35, 1 Oct. 1898. Benito River, French Congo.

Family SCIURIDÆ. Tree and Ground Squirrels

See: Thomas, Oldfield. The generic arrangement of the African squirrels. Ann. Mag. Nat. Hist. (8) 3: 467–475, June 1909.

Æthosciurus Thomas

Æthosciurus Thomas, Ann. Mag. Nat. Hist. (8) 17: 271, Mar. 1916. Genotype *Sciurus poensis* A. Smith.

Æthosciurus byatti byatti (Kershaw)

Funisciurus byatti Kershaw, Ann. Mag. Nat. Hist. (9) 11: 592, May 1923. Moshi, Kilimanjaro, Tanganyika Territory.

Æthosciurus byatti Kershaw, Ann. Mag. Nat. Hist. (9) 11: 708, June 1923.

Æthosciurus byatti lætus Allen and Loveridge

Æthosciurus byatti lætus G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 96, Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

Æthosciurus lucifer (Thomas)

Xerus (*Paraxerus*) *lucifer* Thomas, Proc. Zool. Soc. London, p. 430, 1 Oct. 1897. Kombe Forest, Masuku Mts., Nyasaland, 7000 feet.

Funisciurus lucifer Thomas, Proc. Zool. Soc. London, for 1897, p. 932, pl. 54 (col.), 1 Apl. 1898.

Æthosciurus poensis poensis (A. Smith)

Sciurus poensis A. Smith, South African Quart. Journ., 2: 128, 1834. Island of Fernando Po.

ÆTHOSCIURUS POENSIS MUSCULINUS (Temminck)

Sciurus musculinus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 142, 1853. Guinea coast.

ÆTHOSCIURUS POENSIS SUBVIRIDESCENS (Leconte)

Sciurus subviridescens Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

Sciurus olivaceus Milne-Edwards, Rev. et Mag. de Zool., (2) 19: 228, July 1867. Between Cape Palmas and the Calabar coast, West Africa.

Æthosciurus poensis subviridescens Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 16: 75, 10 July 1929.

ÆTHOSCIURUS RUWENZORII RUWENZORII (Schwann)

Sciurus rufobrachiatus ruwenzorii Schwann, Ann. Mag. Nat. Hist. (7) 13: 71, Jan. 1904. Wimi Valley, Ruwenzori, Uganda border.

See Thomas, Ann. Mag. Nat. Hist. (7) 19: 121, Jan. 1907 — not one of *rufobrachiatus* group.

Sciurus ruwenzorii Thomas and Schwann, Trans. Zool. Soc. London, 19: 497, Mar. 1910.

ÆTHOSCIURUS RUWENZORII VULCANIUS (Thomas)

Sciurus ruwenzorii vulcanius Thomas, Ann. Mag. Nat. Hist. (8) 4: 476, Nov. 1909. Vulcan Forest, north of Lake Kivu, between Bajaka and Kassongo, Congo Belge.

ÆTHOSCIURUS VEXILLARIUS (Kershaw)

Funisciurus vexillarius Kershaw, Ann. Mag. Nat. Hist. (9) 11, 591, May 1923. Wilhelmsthal, Lushoto, Usambara, Tanganyika Territory.

Æthosciurus vexillarius Kershaw, Ann. Mag. Nat. Hist. (9) 11: 708, June 1923.

ATLANTOXERUS Forsyth Major

Atlantoxerus Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 9; pl. 9, f. 9, June 1893. Subgenus of *Xerus*, type *Xerus getulus* (Linnæus).

ATLANTOXERUS GETULUS (Linnæus)

Sciurus getulus Linnæus, Syst. Nat., ed. 10, 1: 64, 1758. "Africa;" type locality fixed as Agadir, Morocco, by Cabrera (Trab. Mus. Nac. Cienc. Nat., Madrid, zool. ser., no. 57, p. 217, pl. 8, 30 Dec. 1932).

Xerus trivittatus Gray, Ann. Mag. Nat. Hist. (1) 10: 264, Dec. 1842. "? India."

Range: All the Grand Atlas from the Atlantic coast between Uad Tensift and Uad Sus, at the extreme east of the chain extending to the middle Atlas and the Algerian Sahara.

Epixerus Thomas

Epixerus Thomas, Ann. Mag. Nat. Hist. (8) 3: 472, June 1909. Genotype *Sciurus wilsoni* Du Chaillu.

Epixerus ebii (Temminck)

Sciurus ebii Temminck, Esquisses Zool. sur la Côte de Guiné, p. 129, 1853. Forests of Guinea: Dabocrom.

Epixerus wilsoni (Du Chaillu)

Sciurus wilsoni Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 364, Nov. 1860. Gaboon, headwaters of the Ovenga River.

Euxerus Thomas

Euxerus Thomas, Ann. Mag. Nat. Hist. (8) 3: 473, June 1909. Genotype *Sciurus erythropus* E. Geoffroy.

Euxerus erythropus erythropus (E. Geoffroy)

Sciurus erythropus E. Geoffroy, Cat. Mamm. Mus. d'Hist. Nat. Paris, p. 178, 1803. Probably Senegal.

Sciurus albovittatus Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 10: 110, 1817. ? East Indies in part; probably western Africa.

Sc[iurus] marabutus Lesson, Compléments de Buffon, ed. 2, Paris, 1: 467, 1838. Senegal.

Sc[iurus] prestigiator Lesson, Compléments de Buffon, ed. 2, Paris, 1: 468, 1838. Senegal.

Sciurus lessonii Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 55: sect. 1, p. 488, 1867. New name for *Sciurus marabutus* Lesson.

Euxerus erythropus agadius Thomas and Hinton

Euxerus erythropus agadius Thomas and Hinton, Novitates Zool., 28: 6, 14 May 1921. Agades, northern Nigeria.

Euxerus erythropus chadensis (Thomas)

Xerus erythropus chadensis Thomas, Ann. Mag. Nat. Hist. (7) 15: 387, Apl. 1905. Yo, Lake Chad.

Euxerus erythropus fulvior (Thomas)

Xerus microdon fulvior Thomas, Ann. Mag. Nat. Hist. (7) 15: 389, Apl. 1905. Fort Hall, Kenya Colony.

Euxerus erythropus lacustris (Thomas)

Xerus erythropus lacustris Thomas, Ann. Mag. Nat. Hist. (7) 15: 388, Apl. 1905. Masindi, Unyoro, Uganda.

EUXERUS ERYTHROPUS LEUCOUMBRINUS (Rüppell)

Sciurus leucoumbrinus Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., p. 38, 1835. Abyssinia, Sennaar, and Kordofan; restricted to Abyssinia, by Thomas (Proc. Zool. Soc. London, p. 256, footnote, 6 July 1923).

EUXERUS ERYTHROPUS LIMITANEUS Thomas and Hinton

Euxerus erythropus limitaneus Thomas and Hinton, Proc. Zool. Soc. London, p. 255, 6 July 1923. Zalingei, Darfur.

EUXERUS ERYTHROPUS MÆSTUS Thomas

Euxerus erythropus mæstus Thomas, Ann. Mag. Nat. Hist. (8) 5:419, May 1910. Daru, Sierra Leone, 150 miles inland.

EUXERUS ERYTHROPUS MICRODON (Thomas)

Xerus microdon Thomas, Ann. Mag. Nat. Hist. (7) 15: 389, Apl. 1905. Kitui, Kenya Colony.

FUNISCIURUS Trouessart

Funisciurus Trouessart, Le Naturaliste, 2: 293, 1 Oct. 1880. As a subgenus of *Sciurus;* type by monotypy *Sciurus isabella* Gray = *Funisciurus isabella* (Gray); see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 51, 27 Oct. 1922. Raised to generic rank by Thomas, Proc. Zool. Soc. London, p. 932, 1897.

FUNISCIURUS ANERYTHRUS ANERYTHRUS (Thomas)

Sciurus pyrrhopus anerythrus Thomas, Proc. Zool. Soc. London, p. 447, pl. 40, Oct. 1890. Buguera, south of Lake Albert.

FUNISCIURUS ANERYTHRUS BANDARUM Thomas

Funisciurus anerythrus bandarum Thomas, Ann. Mag. Nat. Hist. (8) 16: 146, Aug. 1915. Ba-mingui River, upper Shari, northeastern Congo Belge.

FUNISCIURUS ANERYTHRUS NIAPU J. A. Allen

Funisciurus anerythrus niapu J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 52, 27 Oct. 1922. Niapu, Congo Belge.

FUNISCIURUS AURICULATUS AURICULATUS (Matschie)

Sciurus auriculatus Matschie, Arch. f. Naturgesch., 75: sect. 1, pt. 3, p. 353, Oct. 1891. Kribi, Cameroons.

FUNISCIURUS AURICULATUS BEATUS Thomas

Funisciurus auriculatus beatus Thomas, Ann. Mag. Nat. Hist. (8) 5: 196, Feb. 1910. Benito River, 15 miles from the mouth, French Congo.

Funisciurus auriculatus boydi Thomas
Funisciurus auriculatus boydi Thomas, Ann. Mag. Nat. Hist. (8) 5: 196, Feb. 1910. Mussaka, lower Mongo River, east of Cameroon Mt., Cameroons.

Funisciurus auriculatus oliviæ Dollman
Funisciurus auriculatus oliviæ Dollman, Ann. Mag. Nat. Hist. (8) 8: 733, Dec. 1911. Southern Nigeria, Oban district.

Funisciurus bayonii (Bocage)
Sciurus bayonii Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 3, Sep. 1890. Duque de Bragança, Angola.

Funisciurus carruthersi carruthersi Thomas
Funisciurus carruthersi Thomas, Ann. Mag. Nat. Hist. (7) 18: 140, Aug. 1906. Ruwenzori East, 6500 ft., Uganda.

Funisciurus carruthersi birungensis Gyldenstolpe
Funisciurus carruthersi birungensis Gyldenstolpe, Ark. f. Zool., 19B: no. 6, p. 1, 14 Dec. 1927. Mt. Karissimbi, Birunga Volcanoes, eastern Congo Belge, 3600 m.

Funisciurus carruthersi chrysippus Thomas
Funisciurus carruthersi chrysippus Thomas, Ann. Mag. Nat. Hist. (9) 11: 522, Apl. 1923. Wabembe region, west of north end of Lake Tanganyika, Congo Belge.

Funisciurus carruthersi tanganyikæ Thomas
Funisciurus carruthersi tanganyikæ Thomas, Ann. Mag. Nat. Hist. (8) 4: 477, Nov. 1909. Usumbura, north end of Lake Tanganyika, Urundi, Congo Belge.

Funisciurus congicus congicus (Kuhl)
Sciurus congicus Kuhl, Beiträge zur Zool., p. 66, 1820. "Congo."
Sciurus prætextus Wagner, Schreber's Säugthiere, Suppl., 3: 216, 1843. No locality.

Funisciurus congicus flavinus Thomas
Funisciurus congicus flavinus Thomas, Ann. Mag. Nat. Hist. (7) 13: 411, June 1904. Capangombi, southern plateau of Angola.

Funisciurus congicus interior Thomas
Funisciurus congicus interior Thomas, Ann. Mag. Nat. Hist. (8) 18: 236, Aug. 1916. Inkongo, or Ikongo, Congo Belge.

FUNISCIURUS CONGICUS ŒNONE Thomas

Funisciurus congicus œnone Thomas, Proc. Zool. Soc. London, p. 297, 29 Apl. 1926. Cunene Falls, Cunene River, Southwest Africa.

FUNISCIURUS CONGICUS OLIVELLUS Thomas

Funisciurus congicus olivellus Thomas, Ann. Mag. Nat. Hist. (7) 13: 410, June 1904. Cunga, Angola.

May be a seasonal phase of the typical race (see Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 237, footnote, Aug. 1916).

FUNISCIURUS ISABELLA (Gray)

Sciurus isabella Gray, Proc. Zool. Soc. London, p. 180, pl. 24, Sep. 1862. Cameroon Mts., Cameroons, 7000 ft.

FUNISCIURUS LEMNISCATUS (Leconte)

Sciurus lemniscatus Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

Sciurus sharpei Gray, Ann. Mag. Nat. Hist. (4) 12: 265, Sep. 1873. Gaboon.

FUNISCIURUS LEUCOGENYS (Waterhouse)

Sciurus leucogenys Waterhouse, Ann. Mag. Nat. Hist. (1) 10: 202, footnote, Nov. 1842. Fernando Po.

Sciurus erythrogenys Waterhouse, Proc. Zool. Soc. London, for 1842, p. 129, Jan. 1843. Fernando Po.

See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 45, 27 Oct. 1922, as to priority of *S. leucogenys* Waterhouse.

FUNISCIURUS LEUCOSTIGMA LEUCOSTIGMA (Temminck)

Sciurus leucostigma Temminck, Esquisses de Zool. sur la Côte de Guiné, p. 133, 1853. Boutry River to borders of Ashanti country, "Guinea" = Gold Coast.

FUNISCIURUS LEUCOSTIGMA NIVEATUS Thomas

Funisciurus leucostigma niveatus Thomas, Ann. Mag. Nat. Hist. (9) 11: 522, Apl. 1923. Béoumi, 12 miles east of Bandama, Ivory Coast.

FUNISCIURUS LEUCOSTIGMA TALBOTI Thomas

Funisciurus leucostigma talboti Thomas, Ann. Mag. Nat. Hist. (8) 4: 478, Nov. 1909. Oban, southern Nigeria.

FUNISCIURUS MANDINGO MANDINGO Thomas

Funisciurus mandingo Thomas, Ann. Mag. Nat. Hist. (7) 11: 79, Jan. 1903. Nianimaru, Gambia. Probably a race of *F. leucostigma*.

FUNISCIURUS MANDINGO NIGRENSIS Thomas

Funisciurus mandingo nigrensis Thomas, Ann. Mag. Nat. Hist. (8) 4: 477, Nov. 1909. Abutschi, 150 miles up the Niger, Nigeria.

FUNISCIURUS MAYUMBICUS Kershaw

Funisciurus mayumbicus Kershaw, Revue Zool. Africaine, 11: 363, 27 Dec. 1923. Ganda Sundi, Mayumbe Province, mouth of Congo, Congo Belge.

FUNISCIURUS MYSTAX MYSTAX De Winton

Funisciurus mystax De Winton, Ann. Mag. Nat. Hist. (7) 2: 9, July 1898. Benito River, Rio Muni.

FUNISCIURUS MYSTAX OCHROGASTER Cabrera and Ruxton

Funisciurus mystax ochrogaster Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 597, May 1926. St. Joseph de Luluabourg, Congo Belge.

FUNISCIURUS POOLII (Jentink)

Sciurus poolii Jentink, Notes Leyden Mus., 28: 139, July 1906. Stanley Falls, Congo River, Congo Belge.

FUNISCIURUS PYRRHOPUS PYRRHOPUS (F. Cuvier)

[*Sciurus*] *pyrrhopus* F. Cuvier, Hist. Nat. des Mammifères, 4: pt. 66, pl. 240 and text, Feb. 1833. "Fernando Po," but doubtless the adjacent mainland, for it is not like the race *leucogenys* of that island, but since the type "had been kept alive as a pet, it may easily have been taken to the island by natives" (see Thomas, O., Proc. Zool. Soc. London, p. 447, footnote, Oct. 1890).

FUNISCIURUS PYRRHOPUS AKKA De Winton

Sciurus emini De Winton, Ann. Mag. Nat. Hist. (6) 16: 197, Aug. 1895. Tingasi, Monbuttu, Congo Belge. Not *Sciurus emini* Stuhlmann 1894, = *Tamiscus emini* (Stuhlmann).

Funisciurus akka De Winton, Ann. Mag. Nat. Hist. (7) 4: 357, Nov. 1899. Tingasi, Monbuttu, Congo Belge. New name for *Sciurus emini* De Winton, 1895, not of Stuhlmann, 1894, which is *Tamiscus emini* (Stuhlmann).

Funisciurus wintoni Neumann, Zool. Jahrb., Syst., 13: 547, 10 Oct. 1900. New name for *Sciurus emini* De Winton, 1895, not of Stuhlmann, 1894.

FUNISCIURUS PYRRHOPUS LEONIS Thomas

Funisciurus pyrrhopus leonis Thomas, Ann. Mag. Nat. Hist. (7) 15: 79, Jan. 1905. Bo, Sierra Leone.

FUNISCIURUS PYRRHOPUS PEMBERTONI Thomas

Funisciurus pembertoni Thomas, Ann. Mag. Nat. Hist. (7) 14: 201, Sep. 1904. Dondo, Cuanza River, Angola.

FUNISCIURUS PYRRHOPUS RUBRIPES (Du Chaillu)

Sciurus rubripes Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 366, Nov. 1860. Gaboon, "in the country watered by the rivers Nazareth, Ogobai, Fernand-Vaz, Rembo, and Ovenga . . . two degrees south of the equator."

Macroxus pyrrhopus, var. *erythrops* Gray, Ann. Mag. Nat. Hist. (3) 20: 330, Nov. 1867. Gaboon.

FUNISCIURUS RAPTORUM Thomas

Funisciurus raptorum Thomas, Ann. Mag. Nat. Hist. (7) 11: 80, Jan. 1903. Forçados, lower Nigeria.

FUNISCIURUS SUBSTRIATUS De Winton

Funisciurus substriatus De Winton, Ann. Mag. Nat. Hist. (7) 4: 357, Nov. 1899. Kintampo, Gold Coast hinterland.

GEOSCIURUS A. Smith

Geosciurus A. Smith, South African Quart. Journ., 2: 128, Jan.–Mar. 1834. Genotype *Xerus capensis* A. Smith (see Thomas, Proc. Zool. Soc. London, p. 933, 1897).

GEOSCIURUS INAURIS INAURIS (Zimmermann)

Sciurus inauris Zimmermann, Geogr. Geschichte, 2: 344, 1780. Kaffirland, 100 miles north of Cape of Good Hope (based on Pennant).

Sciurus capensis Kerr, Linnæus's Animal Kingdom, p. 266, 1792. Karoo north of Sneeuwberg, near Graaff Reinet. "Near the mountain of Sneeberg, eight hundred miles north from the Cape of Good Hope."

Sciurus ginginianus Shaw, Gen. Zool., 2: pt. 1, p. 147, 1801. Gingi, East Indies, = South Africa.

Sciurus dschinschicus Gmelin, in Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 151, 1788. "In provincia Indiæ Dschinschi"; but probably South Africa.

Myoxus africanus Shaw, Gen. Zool., 2: pt. 1, p. 172, 1801. In mountains of Sneeburgh, 800 miles above Cape of Good Hope; (based on Pennant).

Sciurus levaillantii Kuhl, Beiträge zur Zool., p. 67, 1820. "In Africa meridionali."

Sciurus setosus Smuts, Enumeratio Mamm. Capensium, p. 33, 1832 (in part). Southern part of Cape of Good Hope.

GEOSCIURUS INAURIS NAMAQUENSIS (Lichtenstein)

Sciurus namaquensis Lichtenstein, Cat. Rer. Nat., p. 2, 1793. Great Namaqualand, west of Fish River, Cape of Good Hope.

Geosciurus capensis namaquensis Thomas and Hinton, Proc. Zool. Soc. London, p. 489, 3 Sep. 1923 (valid race).

GEOSCIURUS INAURIS PRINCEPS Thomas

Geosciurus princeps Thomas, Proc. Zool. Soc. London, p. 106, 30 Apl. 1929. Otjitundua, central Kaokoveld, Southwest Africa.

HELIOSCIURUS Trouessart

Heliosciurus Trouessart, Le Naturaliste, 2: no. 37, p. 292, 1 Oct. 1880. Subgenus of *Sciurus*, type *Sciurus annulatus* Desmarest (see Thomas, Proc. Zool. Soc. London, p. 933, 1897).

Review: Ingoldby, C. M. Proc. Zool. Soc. London, p. 471–487, pl. 1–4 (col.), 12 July 1927.

Thomas, O. The West African forms of *Heliosciurus rufobrachium*. Ann. Mag. Nat. Hist. (9) 11: 523–526, Apl. 1923.

HELIOSCIURUS BONGENSIS BONGENSIS (Heuglin)

Sciurus bongensis Heuglin, Reise in Nordost-Afrika, 2: 59, 1877. Bahr-el-Ghazal, Anglo-Egyptian Sudan.

HELIOSCIURUS BONGENSIS CANASTER Thomas and Hinton

Heliosciurus bongensis canaster Thomas and Hinton, Proc. Zool. Soc. London, p. 256, 6 July 1923. Foothills of Jebel Marra, Darfur.

HELIOSCIURUS GAMBIANUS GAMBIANUS (Ogilby)

Sciurus annulatus Desmarest, Encyclop. Méthodique, Mammalogie, 2: 338, 1822. No locality.

If identifiable, this name may replace *gambianus*.

Sciurus gambianus Ogilby, Proc. Zool. Soc. London, p. 103, 9 Oct. 1835. Gambia, probably near Ft. St. Mary.

Sc[iurus] simplex Lesson, Compléments de Buffon, ed. 2, Paris, 1: 467, 1838. Senegal. Probably a synonym of *H. gambianus*.

Sciurus annularis Schinz, Syst. Verzeichn. Säugethiere, 2: 14, 1845. No locality; perhaps not African.

Macroxus annulatus, var. *albina* Gray, Ann. Mag. Nat. Hist. (3) 20: 329, Nov. 1867, nomen nudum. West Africa.

HELIOSCIURUS GAMBIANUS LIMBATUS Schwarz

Heliosciurus gambianus limbatus Schwarz, Jahrb. d. Nassauischen Ver. f. Naturk., Wiesbaden, 68: 65, 1915. Bosum, Cameroons.

HELIOSCIURUS GAMBIANUS SENESCENS Thomas

Heliosciurus gambianus senescens Thomas, Ann. Mag. Nat. Hist. (8) 4: 544, Dec. 1909. Thiès, Senegal.

HELIOSCIURUS MULTICOLOR MULTICOLOR (Rüppell)
Sciurus multicolor Rüppell, Neue Wirbelthiere z. d. Fauna Abyssinien gehörig, Säugeth., p. 38, pl. 13 (col.), 1835. Valleys of Kulla and east slope of the coast range, Abyssinia.

HELIOSCIURUS MULTICOLOR ABASSENSIS (Neumann)
Sciurus abassensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 57, 1902. Forests on south shore of Lake Abassi, Ethiopia.

HELIOSCIURUS MULTICOLOR CŒNOSUS Thomas
Heliosciurus multicolor cœnosus Thomas, Ann. Mag. Nat. Hist. (8) 4: 104, Aug. 1909. Ubangi River, central Africa, 19° 30′ east.

HELIOSCIURUS MULTICOLOR DYSONI St. Leger
Heliosciurus multicolor dysoni St. Leger, Ann. Mag. Nat. Hist. (10) 19: 527, May 1937. Lodwar, about forty miles above mouth of Turkwel River, Lake Rudolf region, Uganda.

HELIOSCIURUS MULTICOLOR ELEGANS Thomas
Heliosciurus multicolor elegans Thomas, Ann. Mag. Nat. Hist. (8) 4: 103, Aug. 1909. Mt. Elgon, Kenya Colony.

HELIOSCIURUS MULTICOLOR KAFFENSIS (Neumann)
Sciurus kaffensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 57, 1902. Anderatscha, Kaffa, (Abyssinia) Ethiopia.

HELIOSCIURUS MULTICOLOR LATERIS Thomas
Heliosciurus multicolor lateris Thomas, Ann. Mag. Nat. Hist. (8) 4: 102, Aug. 1909. Lado.

HELIOSCIURUS MULTICOLOR MADOGÆ Heller
Heliosciurus multicolor madogæ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 1, 28 Feb. 1911. Uma, 50 miles north of Nimule, Uganda.

HELIOSCIURUS MULTICOLOR OMENSIS Thomas
Heliosciurus multicolor omensis Thomas, Ann. Mag. Nat. Hist. (8) 4: 104, Aug. 1909. Kum Dingani, east of north end of Lake Rudolf, Lower Omo, Abyssinia.

HELIOSCIURUS MUTABILIS MUTABILIS (Peters)
Sciurus mutabilis Peters, Reise nach Mossambique, Säugeth., p. 131, pl. 30; pl. 32, f. 2, 1852; Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 273, 1852. Boror, Mozambique, 17° S.

HELIOSCIURUS MUTABILIS BEIRÆ Roberts

Heliosciurus mutabilis beiræ Roberts, Ann. Transvaal Mus., 4: 78, 20 Oct. 1913. Zimbiti, Beira, Mozambique.

HELIOSCIURUS MUTABILIS SHIRENSIS (Gray)

Macroxus shirensis Gray, Ann. Mag. Nat. Hist. (3) 20: 327, Nov. 1867. Shiré River, Rhodesia.

HELIOSCIURUS MUTABILIS CHIRINDENSIS Roberts

Heliosciurus mutabilis chirindensis Roberts, Ann. Transvaal Mus., 4: 78, 20 Oct. 1913. Chirinda Forest, eastern Rhodesia.

HELIOSCIURUS MUTABILIS VUMBÆ Roberts

Heliosciurus mutabilis vumbæ Roberts, Ann. Transvaal Mus., 19: 100, 8 Nov. 1937. Vumba, Southern Rhodesia.

HELIOSCIURUS PUNCTATUS PUNCTATUS (Temminck)

Sciurus punctatus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 138, 1853. Guinea coast; no exact locality.

HELIOSCIURUS PUNCTATUS SAVANNIUS Thomas

Heliosciurus punctatus savannius Thomas, Ann. Mag. Nat. Hist. (9) 11: 521, Apl. 1923. Béoumi, Ivory Coast.

HELIOSCIURUS RHODESIÆ RHODESIÆ (Wroughton)

Funisciurus annulatus rhodesiæ Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no. 5, p. 15, 13 Mar. 1907. Road to Chewalla's, high plateau west of Mchinga escarpment, Rhodesia.

HELIOSCIURUS RHODESIÆ LOANDICUS Thomas

Heliosciurus rhodesiæ loandicus Thomas, Ann. Mag. Nat. Hist. (9) 11: 521, Apl. 1923. N'Dalla Tando, northern Angola.

HELIOSCIURUS RUFOBRACHIUM RUFOBRACHIUM (Waterhouse)

Sc[iurus] rufo-brachium Waterhouse, Ann. Mag. Nat. Hist. (1) 10: 202, footnote, Nov. 1842. Island of Fernando Po.

Sciurus rufo-brachiatus Waterhouse, Proc. Zool. Soc. London, for 1842, p. 128, 1843. Island of Fernando Po.

See Thomas, O., Ann. Mag. Nat. Hist. (9) 11: 518, footnote, Apl. 1923; Allen, J. A., Bull. Amer. Mus. Nat. Hist., 47: 45, footnote, 27 Oct. 1922.

HELIOSCIURUS RUFOBRACHIUM ACTICOLA Thomas

Heliosciurus rufobrachium acticola Thomas, Ann. Mag. Nat. Hist. (9) 11: 525, Apl. 1923. Santa Isabel, Fernando Po.

HELIOSCIURUS RUFOBRACHIUM ARRHENII Lönnberg
Heliosciurus rufobrachiatus arrhenii Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 68, 1 Sep. 1917. Masisi, near Kivu Congo Belge.

HELIOSCIURUS RUFOBRACHIUM AUBRYI (Milne-Edwards)
Sciurus aubryi A. Milne-Edwards, Revue de Zool. Pure et Appliquée, (2) 19: 228, July 1867. Gaboon.

HELIOSCIURUS RUFOBRACHIUM BENGA Cabrera
Heliosciurus rufobrachiatus benga Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 17: 517, Nov. 1917. Cape San Juan, Spanish Guinea.

HELIOSCIURUS RUFOBRACHIUM BRAUNI St. Leger
Heliosciurus rufobrachiatus brauni St. Leger, Novitates Zool., 39: 252, 30 Aug. 1935. Fazenda Congulu, Amboin district, Angola, 800 m.

HELIOSCIURUS RUFOBRACHIUM CAURINUS Thomas
Heliosciurus rufobrachium caurinus Thomas, Ann. Mag. Nat. Hist. (9) 11: 523, Apl. 1923. Gunnal, Portuguese Guinea.

HELIOSCIURUS RUFOBRACHIUM EMISSUS Thomas
Heliosciurus rufobrachium emissus Thomas, Ann. Mag. Nat. Hist. (9) 11: 520, Apl. 1923. Kumbo, southeastern Nigeria, about 6° 50′ north, 10° 50′ east.

HELIOSCIURUS RUFOBRACHIUM HARDYI Thomas
Heliosciurus rufobrachium hardyi Thomas, Ann. Mag. Nat. Hist. (9) 11: 519, Apl. 1923. Béoumi, 250 miles north of Grand Bassam, Ivory Coast.

HELIOSCIURUS RUFOBRACHIUM ISABELLINUS (Gray)
Macroxus isabellinus Gray, Ann. Mag. Nat. Hist. (3) 20:329, Nov. 1867. "West Africa," probably lower Niger.

HELIOSCIURUS RUFOBRACHIUM KENIÆ (Neumann)
Sciurus keniæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 176, 1902. West slope of Mt. Kenya, Kenya Colony, 8000 ft.

HELIOSCIURUS RUFOBRACHIUM LEONENSIS Thomas
Heliosciurus rufobrachium leonensis Thomas, Ann. Mag. Nat. Hist. (9) 11: 523, Apl. 1923. Mano, Sierra Leone.

HELIOSCIURUS RUFOBRACHIUM LUALABÆ Thomas
Heliosciurus rufobrachium lualabæ Thomas, Ann. Mag. Nat. Hist. (9) 11: 520, Apl. 1923. Lodja, upper Lukenye, southern Congo Belge.

HELIOSCIURUS RUFOBRACHIUM MACULATUS (Temminck)

Sciurus maculatus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 130, 1853. Guinea Coast.

Macroxus rufobrachiatus, var. *waterhousii* Gray, Ann. Mag. Nat. Hist. (3) 20: 328, Nov. 1867. Ashanti.

Sciurus (*Heliosciurus*) *rufobrachiatus libericus* Miller, Proc. Washington Acad. Sci., 2: 633, text-f. 39a, 28 Dec. 1900. Mount Coffee, Liberia.

Sciurus aschantiensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 175, 1902. Ashanti. Synonym of *H. rufobrachium maculatus* (Temminck) according to Thomas (1923).

HELIOSCIURUS RUFOBRACHIUM MEDJIANUS J. A. Allen

Heliosciurus rufobrachium medjianus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 48, 27 Oct. 1922. Medje, Congo Belge.

HELIOSCIURUS RUFOBRACHIUM NYANSÆ (Neumann)

Sciurus nyansæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 56, 1902. Kwa Kitoto, Kavirondo, Uganda.

HELIOSCIURUS RUFOBRACHIUM OBFUSCATUS Thomas

Heliosciurus rufobrachium obfuscatus Thomas, Ann. Mag. Nat. Hist. (9) 11: 526, Apl. 1923. Ekkonnanakku, Oban district, southeastern Nigeria.

HELIOSCIURUS RUFOBRACHIUM PASHA (Schwann)

Sciurus rufobrachiatus pasha Schwann, Ann. Mag. Nat. Hist. (7) 13: 72, Jan. 1904. Bellima, Monbuttu (=Niangara), Congo Belge.

HELIOSCIURUS RUFOBRACHIUM RUBRICATUS J. A. Allen

Heliosciurus rufobrachium rubricatus J. A. Allen, Bull. Amer. Mus. Nat. Hist., 47: 50, 27 Oct. 1922. Near Lubila River, 50 miles southwest of Avakubi, Congo Belge.

HELIOSCIURUS RUFOBRACHIUM SEMLIKII (Thomas)

Sciurus rufobrachiatus semlikii Thomas, Ann. Mag. Nat. Hist. (7) 19: 120, Jan. 1907. Beni, Semliki River, Congo Belge.

HELIOSCIURUS UNDULATUS UNDULATUS (True)

Sciurus undulatus True, Proc. U. S. Nat. Mus., 15: 465, text-f. 3, 26 Oct. 1892. Mt. Kilimanjaro and Kahé, south of it, Tanganyika Territory.

Heliosciurus undulatus marwitzi F. Müller, Zool. Anzeiger, 37: 82, 76, text-f. 1, 4, 31 Jan. 1911. Mt. Kilimanjaro, Tanganyika Territory.

HELIOSCIURUS UNDULATUS DAUCINUS Thomas

Heliosciurus undulatus daucinus Thomas, Ann. Mag. Nat. Hist. (8) 4: 101, Aug. 1909. Mombasa, Kenya Colony.

HELIOSCIURUS UNDULATUS DOLOSUS Thomas

Heliosciurus undulatus dolosus Thomas, Ann. Mag. Nat. Hist. (8) 4: 100, Aug. 1909. Mafia Id., off Tanganyika Territory.

HELIOSCIURUS UNDULATUS SHINDI Heller

Heliosciurus rufobrachiatus shindi Heller, Smithsonian Misc. Coll., 63: no. 7, p. 7, 24 June 1914. Summit of Mt. Umengo, Taita Hills, Kenya Colony, 6000 ft.

MYRSILUS Thomas

Myrsilus Thomas, Ann. Mag. Nat. Hist. (8) 3: 470, June 1909. Genotype *Macroxus aubinnii* Gray.

MYRSILUS AUBINNII AUBINNII (Gray)

Macroxus aubinnii Gray, Ann. Mag. Nat. Hist. (4) 12: 65, July 1873. Fanti.

MYRSILUS AUBINNII SALÆ (Jentink)

Sciurus salæ Jentink, Notes Leyden Mus., 3: 63, Apl. 1881. Bavia and Soforé-Place, St. Paul's River, Liberia.

MYOSCIURUS Thomas. Pygmy Squirrels

Myosciurus Thomas, Ann. Mag. Nat. Hist. (8) 3: 474, June 1909. Genotype *Sciurus minutus* Du Chaillu = *Sciurus pumilio* Leconte.

MYOSCIURUS PUMILIO (Leconte)

Sciurus pumilio Leconte, Proc. Acad. Nat. Sci. Philadelphia, p. 11, Jan. 1857. "Western Africa" = Gaboon.

Sciurus minutus Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 366, Nov. 1860 (not of Lartet, 1851, see Hollister, Proc. Biol. Soc. Washington, 34: 135, 30 June 1921). Headwaters of the Ovenga River, Gaboon.

Myosciurus minutulus Hollister, Proc. Biol. Soc. Washington, 34: 135, 30 June 1921. Substitute for *M. minutus* (Du Chaillu).

PARAXERUS Forsyth Major. Bush Squirrels

Paraxerus Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 22; pl. 9, f. 23, 1 June 1893. A subgenus of *Xerus*, type *Xerus cepapi* (A. Smith).

PARAXERUS CEPAPI CEPAPI (A. Smith)

Sciurus cepapi A. Smith, Report Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, p. 43, 1836. "Banks of the Marikwa," i.e., Marico River, Rustenburg district, Transvaal.

Sciurus cepate Gray, List Spec. Mamm. Brit. Mus., p. 140, 13 May 1843.

PARAXERUS CEPAPI AURIVENTRIS Roberts
Paraxerus cepapi auriventris Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Magudi, Mozambique.

PARAXERUS CEPAPI CHOBIENSIS Roberts
Paraxerus cepapi chobiensis Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Kabulabula, Chobe River, Bechuanaland.

PARAXERUS CEPAPI KALAHARICUS Roberts
Paraxerus cepapi kalaharicus Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Mabeleapudi, Bechuanaland.

PARAXERUS CEPAPI MAUNENSIS Roberts
Paraxerus cepapi maunensis Roberts, Ann. Transvaal Mus., 15: 9, 1 Oct. 1932. Maun, Ngamiland, Bechuanaland.

PARAXERUS CEPAPI PHALÆNA Thomas
Paraxerus cepapi phalæna Thomas, Proc. Zool. Soc. London, p. 296, 29 Apl. 1926. Forest between Ukuambi and Ondongwa, Ovamboland, Southwest Africa.

PARAXERUS CEPAPI QUOTUS Wroughton
Paraxerus cepapi quotus Wroughton, Ann. Mag. Nat. Hist. (8) 3: 516, June 1909. Katanga district, Congo Belge. (Key.)

PARAXERUS CEPAPI SINDI Thomas and Wroughton
Paraxerus cepapi sindi Thomas and Wroughton, Proc. Zool. Soc. London, p. 543, 30 Oct. 1908. Tette, Zambesia, Mozambique.

PARAXERUS CEPAPI SOCCATUS Wroughton
Paraxerus cepapi soccatus Wroughton, Ann. Mag. Nat. Hist. (8) 3: 515, June 1909. Vwaza, Hewe River, northern Angoniland, Mozambique.

PARAXERUS FLAVIVITTIS FLAVIVITTIS (Peters)
Sciurus flavivittis Peters, Reise nach Mossambique, Säugeth., p. 129, pl. 29; 32, f. 1, 1852. Mossimbōa, 11° S., Mozambique (designated as type locality by Thomas, Ann. Mag. Nat. Hist. (9) 4: 32, July 1919).

PARAXERUS FLAVIVITTIS EXGEANUS Hinton
Paraxerus flavivittis exgeanus Hinton, Ann. Mag. Nat. Hist. (9) 5: 311, Mar. 1920. Kilwa Kisiwani, Tanganyika Territory.

PARAXERUS FLAVIVITTIS IBEANUS Hinton
Paraxerus flavivittis ibeanus Hinton, Ann. Mag. Nat. Hist. (9) 5: 312, Mar. 1920. Mombasa, Kenya Colony.

PARAXERUS FLAVIVITTIS MOSSAMBICUS Thomas

Paraxerus flavivittis mossambicus Thomas, Ann. Mag. Nat. Hist. (9) 4: 31, July 1919. Lumbo, Mozambique.

On seasonal variation in color see Hinton, M. A. C., Ann. Mag. Nat. Hist. (9) 5: 308–310, Mar. 1920.

PARAXERUS OCHRACEUS OCHRACEUS (Huet)

Sciurus ochraceus Huet, Nouv. Arch. Mus. d'Hist. Nat. Paris, (2) 3: 154, pl. 7, f. 2, 1880. Bagamoyo, Tanganyika Territory.

PARAXERUS OCHRACEUS AFFINIS (Trouessart)

Xerus (*Paraxerus*) *poensis* sp. *affinis* Trouessart, Cat. Mamm. Viv. Foss., pt. 3, p. 406, 1897. Based on *Sciurus* sp. Rhoads (Proc. Acad. Nat. Sci. Philadelphia, p. 521, 1896), an immature *Paraxerus* from Marsabit, Kenya Colony. It is not clear here whether Trouessart intended to name this form or to indicate its relationship to *Xerus poensis*, but probably the former, as the next reference shows.

Funisciurus poensis affinis Trouessart (ex Rhoads), Cat. Mamm. Viv. Foss., Suppl., pt. 2, p. 304, 1904. Marsabit, Kenya Colony. This name evidently supersedes *percivali* and *angustus* for a race of *Paraxerus* from the same locality.

Paraxerus percivali Dollman, Ann. Mag. Nat. Hist. (8) 8: 653, Nov. 1911. Marsabit, Kenya Colony.

Paraxerus ochraceus augustus Dollman, Ann. Mag. Nat. Hist. (8) 8: 654, Nov. 1911. Marsabit, Kenya Colony. A synonym of *Paraxerus percivali* as shown by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 20, 1919).

PARAXERUS OCHRACEUS ANIMOSUS Dollman

Paraxerus ochraceus animosus Dollman, Ann. Mag. Nat. Hist. (8) 8: 655, Nov. 1911. Mt. Nyiro, Kenya Colony.

PARAXERUS OCHRACEUS ARUSCENSIS (Pagenstecher)

Sciurus cepapi var. *aruscensis* Pagenstecher, Jahrb. Hamburg. Wiss. Anstalt., 2: 42, 1885. Pangani River near the coast and Great Aruscha, Meru Mts., Tanganyika Territory.

PARAXERUS OCHRACEUS ELECTUS Thomas

Paraxerus ochraceus electus Thomas, Ann. Mag. Nat. Hist. (8) 4: 106, Aug. 1909. Elgeyo, Kenya Colony.

PARAXERUS OCHRACEUS GANANA (Rhoads)

Sciurus ganana Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 522, 8 Dec. 1896. Ganana River at Bar Madu, Abyssinia.

PARAXERUS OCHRACEUS JACKSONI (De Winton)

Sciurus jacksoni De Winton, Ann. Mag. Nat. Hist. (6) 19: 574, May 1897. Kikuyu, Kenya Colony.

Paraxerus jacksoni capitis Thomas, Ann. Mag. Nat. Hist. (8) 4: 105, Aug. 1909. Nairobi forest, Kenya Colony.

PARAXERUS OCHRACEUS KAHARI Heller

Paraxerus kahari Heller, Smithsonian Misc. Coll., 56: no. 17, p. 2, 28 Feb. 1911. Meru Boma, northeast of Mt. Kenya, Kenya Colony.

PARAXERUS OCHRACEUS SALUTANS Thomas

Paraxerus ochraceus salutans Thomas, Ann. Mag. Nat. Hist. (8) 4: 106, Aug. 1909. Dar-es-Salaam, Tanganyika Territory.

PARAXERUS PALLIATUS PALLIATUS (Peters)

Sciurus palliatus Peters, Monatsber. K. Preuss. Akad. Wiss., Berlin, p. 273, May 1852; Reise nach Mossambique, Zool., 1: Säugethiere, p. 134, pl. 31, f. 1; pl. 32, f. 3, 1852. Mainland near Mossambique Island, 15° S., and Mossimbõa, 11° S., Portuguese East Africa.

PARAXERUS PALLIATUS BARAWENSIS (Neumann)

Sciurus palliatus barawensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 178, 1902. Barawa, coast of southern Somaliland.

PARAXERUS PALLIATUS FREREI (Gray). Zanzibar Bush Squirrel

Macroxus annulatus, var. *frerei* Gray, Ann. Mag. Nat. Hist. (4) 12: 265, Sep. 1873. Zanzibar.

Funisciurus palliatus lastii Thomas, Ann. Mag. Nat. Hist. (7) 18: 297, Oct. 1906. Zanzibar Island.

Sciurus palliatus suahelicus Neumann, Sitzb. Ges. Naturf. Freunde, p. 178, 1902. Tanganyika Territory, opposite Zanzibar and Kenya Colony to Mombasa; no type locality assigned.

According to Thomas and Wroughton (Proc. Zool. Soc. London, p. 293–294, 1 Aug. 1907) this becomes a synonym of *P. p. frerei* (Gray).

PARAXERUS PALLIATUS ORNATUS (Gray)

Sciurus ornatus Gray, Proc. Zool. Soc. London, p. 13, pl. 1, July 1864. Natal.

PARAXERUS PALLIATUS SWYNNERTONI (Wroughton)

Funisciurus palliatus swynnertoni Wroughton, Ann. Mag. Nat. Hist. (8) 1: 305, Apl. 1908. Chirinda Forest, northeastern Transvaal.

PARAXERUS PALLIATUS TANÆ (Neumann)

Sciurus palliatus tanæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 178, 1902. Middle Tana River, Kenya Colony.

PARAXERUS PAULI (Matschie)
Sciurus pauli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 256, 1894. Derema, Tanga district, Tanganyika Territory.

PARAXERUS SPONSUS SPONSUS (Thomas and Wroughton)
Funisciurus sponsus Thomas and Wroughton, Proc. Zool. Soc. London, p. 292, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

PARAXERUS SPONSUS BRIDGEMANI Dollman
Paraxerus bridgemani Dollman, Ann. Mag. Nat. Hist. (8) 14: 152, Aug. 1914. Indook, Panda, Mozambique.

PARAXERUS SPONSUS TONGENSIS Roberts
Paraxerus sponsus tongensis Roberts, Ann. Transvaal Mus., 14: 229, 28 July 1931. Mangusi Forest, northern Zululand, Natal.

PARAXERUS YULEI (Thomas)
Funisciurus yulei Thomas, Proc. Zool. Soc. London, 1: 120, 1 June 1902. Muezo, near Lake Mweru, Nyasaland.

PROTOXERUS Forsyth Major. Giant Squirrels

Protoxerus Forsyth Major, Proc. Zool. Soc. London, p. 189, pl. 8, f. 7; pl. 9, f. 7, 1 June 1893. Subgenus of *Xerus*, type *Sciurus stangeri* Waterhouse (see Thomas, Proc. Zool. Soc. London, for 1897, p. 933, 1 Apl. 1898).

PROTOXERUS STANGERI STANGERI (Waterhouse)
Sciurus stangeri Waterhouse, Proc. Zool. Soc. London, for 1842, p. 127, Jan. 1843. Fernando Po.
Sciurus nordhoffi Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860. Gaboon; "near the Ashira prairies," 150 miles from the coast, 1° S.
Sciurus subalbidus Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 365, Nov. 1860. Island of Fernando Po.

PROTOXERUS STANGERI BEA Heller
Protoxerus stangeri bea Heller, Smithsonian Misc. Coll., 59: no. 16, p. 2, 5 July 1912. Lukosa River, Kakamega Forest, Kenya Colony.

PROTOXERUS STANGERI CENTRICOLA (Thomas)
Sciurus stangeri centricola Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, 297, Oct. 1906. Entebbe, Uganda.

PROTOXERUS STANGERI DISSONUS Thomas
Protoxerus stangeri dissonus Thomas, Ann. Mag. Nat. Hist. (9) 11: 527, Apl. 1923. Bitye, Ja River, Cameroons.

PROTOXERUS STANGERI EBORIVORUS (Du Chaillu)

Sciurus eborivorus Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 363, Nov. 1860. Gaboon, mountains near source of Ovenga River, about 140 miles from coast, 1° S.

Sciurus calliurus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 707, 1874. Mungo, Cameroons.

PROTOXERUS STANGERI LOANDÆ (Thomas)

Sciurus stangeri loandæ Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, Oct. 1906. Canhoca, northern Angola.

PROTOXERUS STANGERI MŒRENS Thomas

Protoxerus stangeri mœrens Thomas, Ann. Mag. Nat. Hist. (9) 11: 527, Apl. 1923. Lobi, near Angu, middle Uele River, Congo Belge, about 24° east.

PROTOXERUS STANGERI NIGERIÆ (Thomas)

Sciurus stangeri nigeriæ Thomas, Ann. Mag. Nat. Hist. (7) 18: 295, 296, Oct. 1906. Abutschi, lower Niger, Nigeria.

PROTOXERUS STANGERI NOTABILIS Thomas

Protoxerus stangeri notabilis Thomas, Ann. Mag. Nat. Hist. (9) 11: 528, Apl. 1923. Avakubi, Ituri region, Congo Belge.

PROTOXERUS STANGERI PERSONATUS Kershaw

Protoxerus stangeri personatus Kershaw, Revue Zool. Africaine, 11: 364, 27 Dec. 1923. Makaia N'tete, lower Mayumbe, near mouth of Congo, north bank, Congo Belge.

PROTOXERUS STANGERI SIGNATUS Thomas

Protoxerus stangeri signatus Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910. Lodja, upper Lukenye River, southern Congo Belge.

PROTOXERUS STANGERI TEMMINCKII (Anderson)

Sciurus caniceps Temminck, Esquisses Zool. sur la Côte de Guiné, p. 127, 1853. Near borders of Fanti country. Not *Sciurus caniceps* Gray.

Sciurus temminckii Anderson, Zool. Researches Two Exped. Western Yunnan, p. 229, footnote, 1879. New name for *S. caniceps* Temminck, not Gray.

PROTOXERUS STANGERI TORRENTIUM Thomas

Protoxerus stangeri torrentium Thomas, Ann. Mag. Nat. Hist. (9) 11: 529, Apl. 1923. East of Stanley Falls, eastern Congo Belge.

Tamiscus Thomas. African Striped Squirrels

Tamiscus Thomas, Ann. Mag. Nat. Hist. (9) 1: 33, Jan. 1918. Genotype *Sciurus emini* Stuhlmann.

Thomas, O. On the striped squirrels hitherto referred to the genus *Paraxerus*. Ann. Mag. Nat. Hist. (9) 1: 33–38, Jan. 1918.

Tamiscus alexandri (Thomas and Wroughton)

Funisciurus alexandri Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 376, May 1907. Gudima, River Iri, upper Uele, Congo Belge.

Range: Uele and Ituri Rivers, eastward into Uganda.

Tamiscus antoniæ (Thomas and Wroughton)

Funisciurus antoniæ Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 377, May 1907; Trans. Zool. Soc. London, 19: 498, pl. 23, upper f. (col.), Mar. 1910. Ponthierville, above Stanley Falls, Congo Belge.

Tamiscus boehmi (Reichenow)

Sciurus boehmi Reichenow, Zool. Anzeiger, 9: 315, 17 May 1886. Marungu, Tanganyika Territory.

Tamiscus emini emini (Stuhlmann)

Sciurus emini Stuhlmann, Mit Emin Pascha ins Herz von Afrika, p. 320, 1894. Atyangara, Semliki River, Uganda.

Sciurus emini ugandæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 180, 1902. Kampala and Entebbe, Uganda.

Syn. of *T. emini*, see Thomas, Trans. Zool. Soc. London, 19: 498, Mar. 1910; Dollman, Revue Zool. Africaine, 4: 79, 25 July 1914.

Tamiscus emini gazellæ Thomas

Tamiscus emini gazellæ Thomas, Ann. Mag. Nat. Hist. (9) 1: 34, Jan. 1918. Meridi, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Tamiscus vulcanorum vulcanorum Thomas

Tamiscus vulcanorum vulcanorum Thomas, Ann. Mag. Nat. Hist. (9) 1: 35, Jan. 1918. Buhamba, near Lake Kivu, Congo Belge.

Tamiscus vulcanorum lunaris Thomas

Tamiscus vulcanorum lunaris Thomas, Ann. Mag. Nat. Hist. (9) 1: 36, Jan. 1918. Mubuku Valley, Ruwenzori East, Uganda, 6500 ft.

Tamiscus vulcanorum tanganyikæ Thomas

Tamiscus vulcanorum tanganyikæ Thomas, Ann. Mag. Nat. Hist. (9) 1: 36, Jan. 1918. Burton Gulf, 10 miles west of Baraka, Lake Tanganyika, Congo Belge.

Xerus Hemprich and Ehrenberg. Ground Squirrels

Xerus Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, fol. ee, pl. 9, Aug. 1832. Subgenus of *Sciurus*, type *Sciurus* (*Xerus*) *brachyotus* Hemprich and Ehrenberg = *Sciurus rutilus* Cretzschmar.

Spermosciurus Lesson, Nouv. Tabl. du Règne Anim., Mamm., p. 110, 1842. Subgenus of *Sciurus*, type *Sciurus rutilus* Cretzschmar.

Xerus rutilus rutilus (Cretzschmar)

Sciurus abessinicus Gmelin, Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 149, 1788. Abyssinia. Based on the "ecureuil de l' Abyssinie" of Thevenot, Voyage, 5: 34, 1665. Identity uncertain.

Sciurus rutilus Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördliche Afrika, Säugeth., p. 59, pl. 24, 1826. Eastern slope of Abyssinia.

Sciurus (*Xerus*) *brachyotus* Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, fol. ee, pl. 9, Aug. 1832. Gedam near Arkiko and Taranta near Eilet, Abyssinia.

Sciurus (*Xerus*) *fuscus* Huet, Nouv. Arch. Mus. d'Hist. Nat. Paris, (2) 3: 139, pl. 6, f. 1, 1880. Mountains of Adel, Abyssinia.

Xerus rutilus dabagala Heuglin

Xerus dabagala Heuglin, Nova Acta Acad. Cæs. Leop.- Carol., Halle, 28: art. 10, p. 4, pl. 2, f. 3, 1861. No locality; probably Red Sea coast.

Xerus rutilus dorsalis Dollman

Xerus dabagala dorsalis Dollman, Ann. Mag. Nat. Hist. (8) 7: 519, May 1911. Baringo, Kenya Colony, 4000 ft.

Xerus rutilus intensus Thomas

Xerus rutilus intensus Thomas, Ann. Mag. Nat. Hist. (7) 14: 100, Aug. 1904. Gerlogobi Wells, British Somaliland.

Range: Red sandy country of Central Somali.

Xerus rutilus rufifrons Dollman

Xerus dabagala rufifrons Dollman, Ann. Mag. Nat. Hist. (8) 7: 518, May 1911. Northern Guaso Nyiro, Kenya Colony.

Sciurus (*Xerus*) *flavus* A. Milne-Edwards, Revue de Zool. Pure et Appliquée, (2) 19: 229, July 1867; Huet, Nouv. Arch. Mus. d'Hist. Nat. Paris, (2) 3: pl. 6, f. 2 (type, in color), 1880. "Gaboon," but shown to be probably Gnélidi or Ras Hafoun, Somaliland, by Oustalet, E., Mém. Soc. Zool. de France, Paris, 7: 76–77, 1894. Possibly a synonym but not *Sciurus flavus* Linnæus, 1766.

Xerus rutilus stephanicus Thomas

Xerus rutilus stephanicus Thomas, Ann. Mag. Nat. Hist. (7) 18: 301, Oct. 1906. Lake Stephanie, Abyssinia.

XERUS RUTILUS SATURATUS Neumann
Xerus saturatus Neumann, Zool. Jahrb., Syst., 13: 546, 10 Oct. 1900. Kibwezi, southern Ukamba, Kenya Colony.

Family MUSCARDINIDÆ. Dormice

AETHOGLIS G. M. Allen. Large Gray Dormice

Aethoglis G. M. Allen, Journ. Mammalogy, 17: 292, 14 Aug. 1936. Genotype *Graphiurus nagtglasii* Jentink.

AETHOGLIS HUETI HUETI (Rochebrune)
Graphiurus hueti Rochebrune, Actes Soc. Linn. de Bordeaux, (4) 7: 110, pl. 6, f. 1, 1883. Environs of St. Louis, Sorres, Senegal.

AETHOGLIS HUETI ARGENTEUS G. M. Allen
Aethoglis hueti argenteus G. M. Allen, Journ. Mammalogy, 17: 293, 14 Aug. 1936. Lolodorf, Cameroons.

AETHOGLIS HUETI MONARDI (St. Leger)
Claviglis monardi St. Leger, Ann. Mag. Nat. Hist. (10) 17: 465, Apl. 1936. Tyihumbwe River, 15 km. above Dala, Angola.

AETHOGLIS HUETI NAGTGLASII (Jentink)
Graphiurus nagtglasii Jentink, Notes Leyden Mus., 10: 38, 39, Apl. 1888. Liberia, DuQueah and Farmington Rivers.

CLAVIGLIS Jentink. Tree Dormice

Claviglis Jentink, Notes Leyden Mus., 10: 41, Apl. 1888. Genotype *Claviglis crassicaudatus* Jentink. Characters keyed, Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925.

CLAVIGLIS ALTICOLA Roberts
Claviglis alticola Roberts, Ann. Transvaal Mus., 13: 98, 6 July 1929. "Kastrol Nek," Wakkerstroom, Transvaal, 6500 ft.

CLAVIGLIS ANSORGEI ANSORGEI (Dollman)
Graphiurus ansorgei Dollman, Ann. Mag. Nat. Hist. (8) 9: 317, Mar. 1912. Tala Kilau, Dongwenna, Mossamedes, southern Angola.

CLAVIGLIS ANSORGEI CUANZENSIS Hill and Carter
Claviglis ansorgei cuanzensis Hill and Carter, Amer. Mus. Novitates, no. 913, p. 9, f. 8, 8 Mar. 1937. Chitau, Angola, 4930 ft.

Claviglis brockmani brockmani (Dollman)
Graphiurus brockmani Dollman, Ann. Mag. Nat. Hist. (8) 5: 287, Mar. 1910. Burao, Somaliland, 4000 ft.

Claviglis brockmani internus (Dollman)
Graphiurus brockmani internus Dollman, Ann. Mag. Nat. Hist. (8) 9: 318, Mar. 1912. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony, 3200 ft.

Claviglis butleri (Dollman)
Graphiurus butleri Dollman, Ann. Mag. Nat. Hist. (8) 9: 319, Mar. 1912. Jebel Ahmed Aga, Anglo-Egyptian Sudan.

Claviglis christyi (Dollman)
Graphiurus christyi Dollman, Revue Zool. Africaine, 4: 80, 25 July 1914. Mambaka and Mambo, Congo Belge.

Claviglis coupeii (E. Geoffroy and F. Cuvier)
[*Myoxus*] *coupeii* E. Geoffroy and F. Cuvier, Hist. Nat. des Mammifères, pt. 37, col. pl. and leaf of text (=pl. 251), Nov. 1822. Senegal.

Claviglis crassicaudatus crassicaudatus Jentink
Claviglis crassicaudatus Jentink, Notes Leyden Mus., 10: 41, Apl. 1888. Du Queah River, western Liberia.

Claviglis crassicaudatus dorotheæ (Dollman)
Graphiurus crassicaudatus dorotheæ Dollman, Ann. Mag. Nat. Hist. (8) 9: 312, Mar. 1912. Oban district, southern Nigeria.

Claviglis foxi (Dollman)
Graphiurus foxi Dollman, Ann. Mag. Nat. Hist. (8) 13: 196, Jan. 1914. Kabwir, Bauchi Province, northern Nigeria.

Claviglis griselda (Schwann)
Graphiurus griselda Schwann, Proc. Zool. Soc. London, 1: 105, 7 June 1906. Kuruman, Bechuanaland.

Claviglis hædulus (Dollman)
Graphiurus hædulus Dollman, Ann. Mag. Nat. Hist. (8) 9: 316, Mar. 1912. Assobam, Bumba River, Cameroons.
Graphiurus schwabi G. M. Allen, Bull. Mus. Comp. Zool., 54: 441, Apl. 1912. Kribi, Cameroons.

Claviglis kelleni (Reuvens)

Eliomys kelleni Reuvens, Die Myoxidæ oder Schläfer, p. 35, pl. 1, f. 1; pl. 3, f. 3, a, b, 1890. Damaraland, Southwest Africa.

Claviglis littoralis Roberts

Claviglis littoralis Roberts, Ann. Transvaal Mus., 13: 97, 6 July 1929. Masiene, north of mouth of Limpopo River, Mozambique.

Claviglis lorraineus (Dollman)

Graphiurus lorraineus Dollman, Ann. Mag. Nat. Hist. (8) 5: 285, Mar. 1910. Molegbwe, south of Setema Rapids, Uele River, Congo Belge.

Claviglis murinus murinus (Desmarest)

Myoxus murinus Desmarest, Encyclop. Méthodique, Mammalogie, Suppl., p. 542, 1822. Cape of Good Hope.

Myoxus lalandianus Schinz, Cuvier's Thierreich, 4: 393, 1825. Cape of Good Hope.

Myoxus erythrobronchus A. Smith, Zool. Journ., 4: 438, May 1829. South Africa.

Myoxus cineraceus Rüppell, Mus. Senckenberg., Frankfurt a. M., 3: pt. 2, p. 136, 1842. Port Natal.

Myoxus cinerascens Schinz, Syst. Verzeichn., Synopsis Mamm., 2: 80, 1845 (emendation of *M. cineraceus* Rüppell).

Eliomys microtis Noack, Zool. Jahrb., 2: 248, pl. 9, f. 19–22, 7 May 1887. "Qua Mpala, Marungu," Tanganyika Territory.

Claviglis murinus griseus (G. M. Allen)

Graphiurus microtis griseus G. M. Allen, Bull. Mus. Comp. Zool., 54: 440. Apl. 1912. Northern Guaso Nyiro, Kenya Colony.

Graphiurus murinus johnstoni Heller, Smithsonian Misc. Coll., 59: no. 16, p. 2, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony.

Claviglis murinus isolatus (Heller)

Graphiurus murinus isolatus Heller, Smithsonian Misc. Coll., 59: no. 16, p. 3, 5 July 1912. Mt. Umengo, Taita Mts., Kenya Colony, 5000 ft.

Claviglis murinus pretoriæ (Roberts)

Graphiurus pretoriæ Roberts, Ann. Transvaal Mus., 4: 79, 20 Oct. 1913. Little Wonderboom, Pretoria, Transvaal.

Claviglis murinus raptor (Dollman)

Graphiurus raptor Dollman, Ann. Mag. Nat. Hist. (8) 5: 96, Jan. 1910. West slope of Mt. Kenya, Kenya Colony.

Claviglis murinus saturatus (Dollman)
Graphiurus microtis saturatus Dollman, Ann. Mag. Nat. Hist. (8) 5: 204, Feb. 1910. South face of Mt. Elgon, Kenya Colony, 9000 ft.
Graphiurus murinus saturatus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 153, 1919.

Claviglis murinus selindensis Roberts
Claviglis murinus selindensis Roberts, Ann. Transvaal Mus., 19: 100, 8 Nov. 1937. Mt. Selinda, Southern Rhodesia.

Claviglis murinus tzaneenensis (Roberts)
Graphiurus murinus tzaneenensis Roberts, Ann. Transvaal Mus., 4: 79, 20 Oct. 1913. Tzaneen Estate, Transvaal.

Claviglis nanus (De Winton)
Myoxus (Eliomys) nanus De Winton, Proc. Zool. Soc. London, for 1896, p. 799, Apl. 1897. Mazoe, Mashonaland, Southern Rhodesia.

Claviglis olga Thomas
Claviglis olga Thomas, Ann. Mag. Nat. Hist. (9) 16: 191, July 1925. Tehsiderak, Asben, (Aïr), French West Africa.

Claviglis orobinus (Wagner)
Myoxus orobinus Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sennaar.

Claviglis parvulus (Monard)
Graphiurus parvulus Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 54, 1932. Rio Mbalé, Tumbolé, and Vila da Ponte, Angola.

Claviglis parvus parvus (True)
Eliomys parvus True, Proc. U. S. Nat. Mus., 16: 601, 25 Oct. 1893. Tana River, between coast and Hameye, Kenya Colony.

Claviglis parvus dollmani (Osgood)
Graphiurus parvus dollmani Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 15, 7 Apl. 1910. Lukenya Mt., Ulukenya Hills, Kenya Colony,

Claviglis personatus (Heller)
Graphiurus personatus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 2, 28 Feb. 1911. Rhino Camp, Lado Enclave.

Claviglis smithii (Thomas)
Myoxus (Eliomys) smithii Thomas, Ann. Mag. Nat. Hist. (6) 12: 267, Oct. 1893. Nassa, Speke Gulf, Lake Victoria.

Claviglis soleatus soleatus (Thomas and Wroughton)
Graphiurus soleatus Thomas and Wroughton, Trans. Zool. Soc. London, 19: 499, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 5–6000 ft.

Claviglis soleatus collaris G. M. Allen and A. Loveridge
Claviglis soleatus collaris G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 122, Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

Claviglis spurrelli (Dollman)
Graphiurus spurrelli Dollman, Ann. Mag. Nat. Hist. (8) 9: 315, Mar. 1912. Bibianaha, 60 miles west of Kumasi, Gold Coast.

Claviglis streeteri (Roberts)
Graphiurus streeteri Roberts, Ann. Transvaal Mus., 4: 80, 20 Oct. 1913. Hector Spruit, Transvaal.

Claviglis surdus (Dollman)
Graphiurus surdus Dollman, Ann. Mag. Nat. Hist. (8) 9: 314, Mar. 1912. Benito River, French Congo.

Claviglis tasmani Roberts
Claviglis tasmani Roberts, Ann. Transvaal Mus., 13: 95, 6 July 1929. Driefontein Mission Station, near Gwelo, Southern Rhodesia.

Claviglis vandami Roberts
Claviglis vandami Roberts, Ann. Transvaal Mus., 13: 97, 6 July 1929. Guja, lower Olifants River Valley, Portuguese Southeast Africa (Mozambique).

Claviglis vulcanicus (Lönnberg and Gyldenstolpe)
Graphiurus vulcanicus Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 9, p. 2, 14 May 1925. Mt. Karissimbi, Birunga Volcanoes, Congo Belge.

Claviglis woosnami (Dollman)
Graphiurus woosnami Dollman, Ann. Mag. Nat. Hist. (8) 6: 393, Oct. 1910. North of Okwa, Kalahari Desert.

Claviglis zuluensis Roberts
Claviglis zuluensis Roberts, Ann. Transvaal Mus., 14: 229, 28 July 1931. Ubombo Bush, northern Zululand, South Africa.

Eliomys Wagner

Eliomys Wagner, Abh. K. Bayer. Akad. Wiss., München, math.-phys. Cl., 3: 176, pl. 2, f. 1–4; pl. 3, f. 1, 1843. Genotype *Eliomys* (*Myoxus*) *melanurus* Wagner.

Bifa Lataste, Le Naturaliste, 7: 61, 15 Apl. 1885. Genotype *Bifa lerotina* Lataste.

Eliomys munbyanus munbyanus (Pomel)

Myoxus munbyanus Pomel, Compt. Rend. Acad. Sci. Paris, 42: 653, 1856. Province of Oran, Algeria.

Eliomys lerotinus tunetæ Thomas, Ann. Mag. Nat. Hist. (7) 11: 495, May 1903. Karouana, Tunis. See Cabrera, A., Trab. Mus. Nac. de Cien. Nat. Madrid, zool. ser., no. 57, p. 226, 30 Dec. 1932.

Eliomys munbyanus cyrenaicus Festa

Eliomys cyrenaicus Festa, Boll. Mus. Zool. ed Anat. Comp. Univ. Torino, 36: no. 740, p. 4, 15 Dec. 1921. Gheminez, Cirenaica (Barke).

Eliomys munbyanus lerotina (Lataste)

Bifa lerotina Lataste, Le Naturaliste, 7: 61, 15 Apl. 1885. Near Ghardaia, Mzab, Algeria.

Eliomys munbyanus occidentalis Thomas

Eliomys lerotinus occidentalis Thomas, Novitates Zool., 10: 300, 25 Aug. 1903. Rio de Oro.

A race of *E. munbyanus* according to Cabrera (Trabajos del Mus. Nac. Cien. Nat., Madrid, zool. ser., no. 57, p. 226, 30 Dec. 1932).

Indeterminate

Myoxus cattoirii J. B. Fischer, Synopsis Mamm., p. 310, 1829. Senegal (based on Autre loir of F. Cuvier, Dict. des Sci. Nat., 27: 124, 1823, collected by Cattoir).

Gliriscus Thomas and Hinton. Rock Dormice

Gliriscus Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925. Genotype *Graphiurus platyops* Thomas.

Gliriscus angolensis angolensis (De Winton)

Graphiurus angolensis De Winton, Ann. Mag. Nat. Hist. (7) 20: 320, Sep. 1897. Caconda, Angola.

GLIRISCUS ANGOLENSIS JORDANI Roberts

Gliriscus angolensis jordani Roberts, Ann. Transvaal Mus., 13: 95, 6 July 1929. Isoka, Northern Rhodesia.

GLIRISCUS PLATYOPS (Thomas)

Graphiurus platyops Thomas, Ann. Mag. Nat. Hist. (6) 19: 388, Apl. 1897. Enkeldorn, Mashonaland, Southern Rhodesia.

GLIRISCUS RUPICOLA RUPICOLA Thomas and Hinton

Gliriscus rupicola Thomas and Hinton, Proc. Zool. Soc. London, p. 232, 3 Apl. 1925. Karibib, inland highlands of Southwest Africa, 3842 ft.

GLIRISCUS RUPICOLA MONTOSUS Thomas and Hinton

Gliriscus rupicola montosus Thomas and Hinton, Proc. Zool. Soc. London, p. 233, 3 Apl. 1925. Great Brukaros Mountain, Southwest Africa, 3600–5000 ft.

GRAPHIURUS Smuts. Cape Dormice

Graphiurus Smuts, Enumer. Mamm. Cap., p. 32, 1832. Genotype *Graphiurus capensis* Smuts = *Sciurus ocularis* A. Smith.

GRAPHIURUS EASTWOODÆ Roberts

Graphiurus eastwoodæ Roberts, Ann. Transvaal Mus., 4: 80, 20 Oct. 1913. Woodbush, Transvaal. Probably a race of *G. ocularis*.

GRAPHIURUS OCULARIS OCULARIS (A. Smith)

Sciurus ocularis A. Smith, Zool. Journ., 4: 439, May 1829. Near Plettenberg's Bay, Cape of Good Hope.

Graphiurus typicus A. Smith, South African Quart. Journ., 2: 145, 1834. Forests about Knysna, South Africa.

"Graphiure" [*Myoxus*] *capensis* F. Cuvier, Hist. Nat. des Mamm., pt. 60, and text, pl. 254, Sep. 1829.

Graphiurus elegans Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. ? Cape of Good Hope (see Thomas, O., Proc. Zool. Soc. London, p. 298, 29 Apl. 1926).

Family CRICETIDÆ. Hamster-like Rodents

Subfamily CRICETINÆ

See Miller and Gidley: Journ. Washington Acad. Sci., 8:436, 19 July 1918.

Mystromys Wagner

Mystromys Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 434, 17 Mar. 1841. Genotype *Mystromys albipes* Wagner = *Otomys albicaudatus* A. Smith.

Mystromys albicaudatus albicaudatus (A. Smith)

Otomys albicaudatus A. Smith, South African Quart. Journ., 2: 148, 1834; Illustr. Zool. South Africa, Mamm., pl. 33 and text, Sep. 1841. District of Albany, South Africa.

Arvicola albicaudatus Desmarest, Encyclop. Méthodique, Mammalogie, pt. 2, p. 281, 1822. Locality unknown; based on a specimen given the name *Lemmus albicaudatus* by Geoffroy in Catalogue of the Muséum d'Hist. Nat. Paris. Although referred to *Malacothrix* by Trouessart, this may not be the same as *Otomys albicaudatus* A. Smith.

Mystromys albipes Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 435, 17 Mar. 1841; Arch. f. Naturgesch., 7: pt. 1, p. 133, 1841. South Africa.

Mystromys lanuginosus Lichtenstein, Verzeichn. d. Doubletten Mus. Berlin, p. 10, 1842.

Mystromys albicaudatus fumosus Thomas and Schwann

Mystromys albicaudatus fumosus Thomas and Schwann, Proc. Zool. Soc. London, 1: 137, 1 June 1905. Wakkerstroom, Transvaal.

Mystromys longicaudatus Noack

Mystromys longicaudatus Noack, Zool. Jahrb., 2: 246, pl. 9, f. 16–18, 7 May 1887. Gonda, Tanganyika Territory?

Subfamily LOPHIOMYINÆ. Maned Rats

See Miller and Gidley: Journ. Washington Acad. Sci., 8: 437, 19 July 1918.

Lophiomys Milne-Edwards. Maned Rat

Lophiomys Milne-Edwards, L'Institut, Paris, 35: 46, 6 Feb. 1867; Compt. Rend. Acad. Sci. Paris, 64: 812, 1867. Genotype *Lophiomys imhausii* Milne-Edwards.

Phractomys Peters, Zeitschr. f. Ges. Naturw., Berlin, 29: 195, 1867; Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1867. Genotype *Phractomys æthiopicus* Peters = *Lophiomys imhausii* Milne-Edwards. *Phragmomys* in second ref.

See Thomas, O. The species of *Lophiomys*. Ann. Mag. Nat. Hist. (8) 6: 222–223, Aug. 1910, with key.

Lophiomys bozasi Oustalet

Lophiomys bozasi Oustalet, Bull. Mus. d'Hist. Nat., Paris, 8: 400, 1902. Goba, country of the Arussi Gallas, southern Abyssinia, 3000 m.

Synonymous with *L. æthiopicus* according to Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910.

Lophiomys imhausii Milne-Edwards

Lophiomys imhausii Milne-Edwards, L'Institut, Paris, 35: 46, 6 Feb. 1867; Compt. Rend. Acad. Sci., Paris, 64: 812, 1867. Probably from African coast opposite Aden, where it was purchased.

Phractomys æthiopicus Peters, Zeitschr. f. Ges. Naturw., Berlin, 29: 195, 1867; Sitzb. Ges. Naturf. Freunde, Berlin, p. 19, 1867. Maman, north of Kassala, Anglo-Egyptian Sudan.

Lophiomys ibeanus ibeanus Thomas

Lophiomys ibeanus Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910. Mile 513 on Uganda Railway, between Londiani and Lumbwa Stations, Mau region, Kenya Colony.

Lophiomys ibeanus hindei Thomas

Lophiomys ibeanus hindei Thomas, Ann. Mag. Nat. Hist. (8) 6: 223, Aug. 1910. Mutaragwa, Aberdare Mts., Kenya Colony.

Probably a synonym of *L. ibeanus*. All the recognizable forms are doubtless races of *L. imhausii*.

Lophiomys smithi Rhoads

Lophiomys smithi Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 524, text-f., pl. 25, 8 Dec. 1896. Sheikh Husein, western Somaliland, about 8° N., 41° E.

Lophiomys testudo Thomas

Lophiomys testudo Thomas, Ann. Mag. Nat. Hist. (7) 15: 80, Jan. 1905. Ravine Station, Kenya Colony.

Lophiomys thomasi Heller

Lophiomys thomasi Heller, Smithsonian Misc. Coll., 59: no. 16, p. 4, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

Subfamily MICROTINÆ. Voles

Microtus Schrank. Meadow Mice or Voles

Microtus Schrank, Fauna Boica, 1: 72, 1798. Genotype *Microtus terrestris* Schrank = *Mus arvalis* Pallas.

Microtus mustersi Hinton

Microtus mustersi Hinton, Ann. Mag. Nat. Hist. (9) 18: 305, Sep. 1926. Merg, Cyrenaica, Barka.

Note: The record of *Arvicola arvalis* from Abyssinia, by Martoglio (Ann. d'Igiene Sperim., Torino, (2) 23: 161–170, 1913) is doubtless based on a misidentification of a species of *Lophuromys* or of *Arvicanthis* as suggested by Laurent, P., Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, 27: 384–386, Nov. 1936.

Subfamily NESOMYINÆ. Madagascan Cricetines

Brachytarsomys Günther

Brachytarsomys Günther, Proc. Zool. Soc. London, p. 79, text-f. 3 (cranium), pl. 16, June 1875. Genotype, by monotypy, *Brachytarsomys albicauda* Günther.

Brachytarsomys albicauda Günther

Brachytarsomys albicauda Günther, Proc. Zool. Soc. London, p. 80, text-f.3, pl. 16, June 1875. Madagascar, between Tamatave and Murundava.

Brachyuromys Forsyth Major

Brachyuromys Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 322, Oct. 1896. Genotype *Brachyuromys ramirohitra* Forsyth Major.

Brachyuromys betsileonensis (Bartlett)

Nesomys betsileonensis Bartlett, Proc. Zool. Soc. London, for 1879, p. 770, Apl. 1880. Southeastern Betsileo, Madagascar.

Brachyuromys ramirohitra Forsyth Major

Brachyuromys ramirohitra Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 323, Oct. 1896. Ampitambé forest, Betsimisaraka country (border of northeastern Betsileo), six hours southeast of Fandriana, Madagascar.

Eliurus Milne-Edwards

Eliurus Milne-Edwards, Ann. des Sci. Nat., zool., (6) 20: art. 1 bis, p. 1, 1885. Genotype *Eliurus myoxinus* A. Milne-Edwards.

Eliurus majori Thomas
Eliurus majori Thomas, Ann. Mag. Nat. Hist. (6) 16: 164, Aug. 1895. Ambolimitombo forest, central Madagascar.

Eliurus minor Forsyth Major
Eliurus minor Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896. Ampitambé forest, northeastern Betsileo, Madagascar.

Eliurus myoxinus Milne-Edwards
Eliurus myoxinus Milne-Edwards, Ann. des Sci. Nat., zool., (6) 20: art. 1 bis, p. 1, 1885. West coast of Madagascar.

Eliurus tanala Forsyth Major
Eliurus tanala Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 462, Dec. 1896. Forest of the Tanala of Ikongo, near Vinanitelo, 30 miles south of Fianarantsoa, Madagascar.

Gymnuromys Forsyth Major

Gymnuromys Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 324, Oct. 1896. Genotype *Gymnuromys roberti* Forsyth Major.

Gymnuromys roberti Forsyth Major
Gymnuromys roberti Forsyth Major, Ann. Mag. Nat. Hist. (6) 18: 324, Oct. 1896. Ampitambé forest, northeastern Betsileo, Madagascar.

Hallomys Jentink

Hallomys Jentink, Notes Leyden Mus., 1: 107, Apl. 1879. Genotype *Hallomys audeberti* Jentink.

Hallomys audeberti Jentink
Hallomys audeberti Jentink, Notes Leyden Mus., 1: 107, Apl. 1879. Maisine and Savary, northeastern Madagascar.

Hypogeomys A. Grandidier

Hypogeomys A. Grandidier, Revue et Mag. de Zool., (2) 21: 338, Sep. 1869. Genotype *Hypogeomys antimena* A. Grandidier.

HYPOGEOMYS ANTIMENA A. Grandidier

Hypogeomys antimena A. Grandidier, Revue et Mag. de Zool. (2) 21: 338, Sep. 1869. Banks of the Tsidsibon and the Andranoumène, Menabé, western Madagascar.

MACROTARSOMYS Milne-Edwards and G. Grandidier

Macrotarsomys Milne-Edwards and G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 4: 179, 1898. Genotype *Macrotarsomys bastardi* Milne-Edwards and G. Grandidier.

MACROTARSOMYS BASTARDI Milne-Edwards and G. Grandidier

Macrotarsomys bastardi Milne-Edwards and G. Grandidier, Bull. Mus. d'Hist. Nat. Paris, 4: 179, 180, text-f. 1, 2, 1898. South of Mangoky, southwestern Madagascar.

For Mr. E. Bastard.

NESOMYS Peters

Nesomys Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 54, 1870. Genotype *Nesomys rufus* Peters.

NESOMYS RUFUS Peters

Nesomys rufus Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 55, 1870. Vohima, Madagascar.

Subfamily GERBILLINÆ. Gerbils

AMMODILLUS Thomas

Ammodillus Thomas, Ann. Mag. Nat. Hist. (7) 14: 102, text-f. a, b, Aug. 1904. Genotype *Gerbillus imbellis* De Winton.

AMMODILLUS IMBELLIS (De Winton)

Gerbillus imbellis De Winton, Ann. Mag. Nat. Hist. (7) 1: 249, Mar. 1898. Goodar, Somaliland.

DESMODILLISCUS Wettstein

Desmodilliscus Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 153, 1916. Genotype *Desmodilliscus braueri* Wettstein.

DESMODILLISCUS BRAUERI Wettstein

Desmodilliscus braueri Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 153, 1916. Between Um Ramad and Nubbaka, south of El Obeid, Kordofan, Anglo-Egyptian Sudan.

DESMODILLISCUS BUCHANANI Thomas and Hinton

Desmodilliscus buchanani Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920. Farniso, near Kano, northern Nigeria.

DESMODILLUS Thomas and Schwann

Desmodillus Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 177, June 1904. Genotype *Gerbillus auricularis* A. Smith.

DESMODILLUS AURICULARIS AURICULARIS (A. Smith)

Gerbillus auricularis A. Smith, South African Quart. Journ., 2: 160, 1834. Mountains of Little Namaqualand, South Africa.

Gerbillus brevicaudatus F. Cuvier, Trans. Zool. Soc. London, 2: 144, pl. 26, f. 10–13, 4 May 1838. Cape of Good Hope.

DESMODILLUS AURICULARIS PUDICUS Dollman

Desmodillus auricularis pudicus Dollman, Ann. Mag. Nat. Hist. (8) 6: 395, Oct. 1910. Lehutitung, Kalahari, Bechuanaland.

DIPODILLUS Lataste

Dipodillus Lataste, Le Naturaliste, 3: no. 64, p. 506, 15 Nov. 1881; 4: 12, 15 Jan. 1882. Subgenus of *Gerbillus*, including *Gerbillus simoni* Lataste, and *G. campestris* Levaillant.

DIPODILLUS AMŒNUS De Winton

Dipodillus amœnus De Winton, Ann. Mag. Nat. Hist. (7) 9: 46, Jan. 1902. Giza Province, Egypt.

DIPODILLUS BOTTAI (Lataste)

Gerbillus bottai Lataste, Le Naturaliste, 4: no. 5, p. 36, 1 Mar. 1882. Sennaar, Anglo-Egyptain Sudan.

DIPODILLUS BROCKMANI Thomas

Dipodillus brockmani Thomas, Ann. Mag. Nat. Hist. (8) 5: 420, May 1910. Burao, 85 miles south of Berbera, British Somaliland.

DIPODILLUS CAMPESTRIS CAMPESTRIS (Levaillant)

Gerbillus campestris Levaillant, Exploration Sci. de l'Algérie, Zool., Mammifères, Atlas, pl. 5, f. 2 (col.), 2a, 1857; Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 22, 1858. Province of Constantine, Algeria.

Gerbillus gerbii Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 23, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 107, 1867. Country of the Beni Sliman, Algeria.

Gerbillus minutus Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 23, 1858. Douilba, Sahara, Algeria.

Dipodillus campestris cinnamomeus Cabrera

Dipodillus campestris cinnamomeus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 16: 385, Oct. 1916. Taguidert, south of Mogador, Morocco.

Dipodillus campestris riparius Cabrera

Dipodillus campestris riparius Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 22: 112, 27 Feb. 1922. Valley of the Uad Martin, Yebala, Morocco.

Dipodillus campestris rozsikæ Thomas

Dipodillus campestris roszikæ (sic) Thomas, Ann. Mag. Nat. Hist. (8) 2: 374, Oct. 1908. Biskra, Algeria.

Dipodillus campestris rozsikæ Thomas, Novitates Zool., 20: 589, 21 Oct. 1913 (correction of typographical error).

Dipodillus diminutus Dollman

Dipodillus diminutus Dollman, Ann. Mag. Nat. Hist. (8) 7: 520, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

Dipodillus dodsoni dodsoni Thomas

Dipodillus dodsoni Thomas, Proc. Zool. Soc. London, 2: 7, Oct. 1902. Ain Hammam, Tripoli.

Dipodillus dodsoni patrizii de Beaux

Dipodillus dodsoni patrizii de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 379, 2 June 1932. Oasis of Cufra, Libyan Desert, Libya.

Dipodillus grobbeni (Klaptocz)

Gerbillus (*Dipodillus*) *grobbeni* Klaptocz, Zool. Jahrbücher, Syst., 27: 252, 2 text-f., (1908) 25 Feb. 1909. Dernah, north coast of Barka, Cyrenaica. Status uncertain according to H. Heim de Balsac.

Dipodillus harwoodi harwoodi (Thomas)

Gerbillus (*Dipodillus*) *harwoodi* Thomas, Ann. Mag. Nat. Hist. (7) 8: 275, footnote, Oct. 1901. Lake Naivasha, Kenya Colony.

Dipodillus harwoodi luteus Dollman

Dipodillus luteus Dollman, Ann. Mag. Nat. Hist. (8) 14: 489, Dec. 1914. Southern Guaso Nyiro, Nyanza Province, Kenya Colony.

Dipodillus harwoodi luteus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 27, 1919.

DIPODILLUS HENLEYI De Winton
Dipodillus henleyi De Winton, Novitates Zool., 10: 284, pl. 8, f. 1, 25 Aug. 1903. Zaghig, Wadi Natron, Lower Egypt.

DIPODILLUS HILDA Thomas
Dipodillus hilda Thomas, Ann. Mag. Nat. Hist. (9) 2: 62, July 1918. Seacoast 70 miles southwest of Tangiers, Morocco.

DIPODILLUS JORDANI Thomas
Dipodillus jordani Thomas, Ann. Mag. Nat. Hist. (9) 2: 60, July 1918. Guelt-es-Stel, central plateau of Algeria, 900 m.

DIPODILLUS JULIANI St. Leger
Dipodillus juliani St. Leger, Ann. Mag. Nat. Hist. (10) 15: 669, June 1935. Bulhar, Somaliland.

DIPODILLUS LOWEI Thomas and Hinton
Dipodillus lowei Thomas and Hinton, Proc. Zool. Soc. London, p. 261, 6 July 1923. Jebel Marra, Darfur, Anglo-Egyptian Sudan, 9500 ft.

DIPODILLUS MACKILLIGINI Thomas
Dipodillus mackilligini Thomas, Ann. Mag. Nat. Hist. (7) 14: 158, Aug. 1904. Wadi Alagi, eastern desert of Nubia, about lat. 22° N., long. 35° E., Anglo-Egyptian Sudan.

DIPODILLUS MARIÆ Bonhote
Dipodillus mariæ Bonhote, Proc. Zool. Soc. London, for 1909, p. 792, 18 Apl. 1910. Mokattam Hills, east of Cairo, Egypt.

DIPODILLUS MURICULUS Thomas and Hinton
Dipodillus muriculus Thomas and Hinton, Proc. Zool. Soc. London, p. 263, 6 July 1923. Madu, 80 miles northeast of El Fasher, Darfur, Anglo-Egyptian Sudan.

DIPODILLUS PERCIVALI Dollman
Dipodillus percivali Dollman, Ann. Mag. Nat. Hist. (8) 14: 488, Dec. 1914. Voi, Kenya Colony.

DIPODILLUS PRINCIPULUS Thomas and Hinton
Dipodillus principulus Thomas and Hinton, Proc. Zool. Soc. London, p. 262, 6 July 1923. El Malha, Jebel Maidob, northern Darfur, Anglo-Egyptian Sudan.

Dipodillus pusillus (Peters)
Gerbillus pusillus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 201, 1878. Ndi and Kitui, Kenya Colony.

Dipodillus quadrimaculatus (Lataste)
Gerbillus quadrimaculatus Lataste, Le Naturaliste, 4: no. 4, p. 27, 15 Feb. 1882. Nubia.

Dipodillus ruberrimus (Rhoads)
Gerbillus ruberrimus Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 538, 8 Dec. 1896. Finik, near Webi Shebeli, western British Somaliland.

Dipodillus simoni (Lataste)
G[erbillus] simoni Lataste, Le Naturaliste, 3: no. 63, p. 499, 1 Nov. 1881. Oued Magra, between M'sila and Barika, high plateau of Algeria.

Dipodillus somalicus Thomas
Dipodillus somalicus Thomas, Ann. Mag. Nat. Hist. (8) 5: 197, Feb. 1910. Upper Sheikh, British Somaliland.

Dipodillus stigmonyx stigmonyx (Heuglin)
Meriones stigmonyx Heuglin, Reise in Nordost-Afrika, 2: 78, 1877. Khartoum, Anglo-Egyptian Sudan.

Dipodillus stigmonyx luteolus (Thomas)
Gerbillus stigmonyx luteolus Thomas, Ann. Mag. Nat. Hist. (7) 8: 275, Oct. 1901. Duem, Anglo-Egyptian Sudan.

Dipodillus venustus (Sundevall)
Meriones venustus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 230, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

Dipodillus vivax Thomas
Dipodillus vivax Thomas, Proc. Zool. Soc. London, 2: 8, Oct. 1902. Sebha, Tripoli.

Dipodillus watersi (De Winton)
Gerbillus (Dipodillus) watersi De Winton, Novitates Zool., 8: 399, pl. 20, 31 Dec. 1901. Shendi, upper Nile, Anglo-Egyptian Sudan.

Gerbillus Desmarest

Subgenus Gerbillus Desmarest

Gerbillus Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 22, 1804; Nouv. Dictionnaire d'Hist. Nat., 13: p. 106, 1817. Genotype *Gerbillus ægyptius* Desmarest = *Dipus gerbillus* Olivier.

Gerbillus acticola Thomas

Gerbillus acticola Thomas, Ann. Mag. Nat. Hist. (9) 2: 147, Aug. 1918. Berbera, British Somaliland.

Gerbillus agag Thomas

Gerbillus agag Thomas, Proc. Zool. Soc. London, 1: 296, 6 Aug. 1903. Agageh Wells, western Kordofan, Anglo-Egyptian Sudan.

Gerbillus andersoni andersoni De Winton

Gerbillus andersoni De Winton, Ann. Mag. Nat. Hist. (7) 9: 45, Jan. 1902. Mandara, eastern environs of Alexandria, Egypt.

Range: Northwestern and northern Egypt.

Gerbillus andersoni bonhotei Thomas

Gerbillus bonhotei Thomas, Ann. Mag. Nat. Hist. (9) 3: 560, June 1919. Khabra Abu Guzour, northeastern Sinai.

Range: Northeastern Sinai to "the Egyptian side of the Palestine frontier" (Flower, 1932).

Gerbillus bilensis Frick

Gerbillus bilensis Frick, Ann. Carnegie Mus., 9: 12, 6 June 1914. Dry plains near Bilen, Abyssinia.

(?) *Mus galanus* Heuglin, Reise in Nordost-Afrika, 2: 75, 1877. Stony pastures in the Wolo-Gala country, Abyssinia.

Gerbillus calidus calidus Thomas

Gerbillus calidus Thomas, Ann. Mag. Nat. Hist. (9) 2: 63, July 1918. Molopo, west of Morokwen, Bechuanaland.

Gerbillus calidus kalaharicus Roberts

Gerbillus calidus kalaharicus Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Gomodimo Pan, central Kalahari, Bechuanaland.

Gerbillus cosensi Dollman

Gerbillus cosensi Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 311, 16 June 1914. Kozibiri River, Ngamatak, Turkwel River, Uganda.

GERBILLUS DALLONII Heim de Balsac

Gerbillus dallonii Heim de Balsac, Mém. Acad. des Sci. de l'Institut de France, Paris, (2) 62: 43 (mém. no. 1), text-f. 1, 1936. Tibesti, Chad Military Territory.

GERBILLUS DONGOLANUS (Heuglin)

Meriones dongolanus Heuglin, Reise in Nordost-Afrika, 2: 79, 1877. Dongola, Anglo-Egyptian Sudan.

GERBILLUS DUNNI Thomas

Gerbillus dunni Thomas, Ann. Mag. Nat. Hist. (7) 14: 101, Aug. 1904. Gerlogobi, British Somaliland.

For Major H. N. Dunn, R. A. M. C., the collector.

GERBILLUS EATONI Thomas

Gerbillus eatoni Thomas, Proc. Zool. Soc. London, 2: 6, Oct. 1902. Elcusher, Tripoli.

GERBILLUS FOLEYI Heim de Balsac

Gerbillus foleyi Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 317 (brief description), 389, f. 15, no. 12 (skull), 1936; Bull. Soc. Zool. de France, 62: 331, 14 Aug. 1937 (formal description). Beni-abbès, western Algeria.

GERBILLUS GERBILLUS (Olivier)

Dipus gerbillus Olivier, Bull. des Sci., Soc. Philomath., Paris, 2: no. 40, p. 121, 1801. Egypt (Giza Province).

Gerbillus ægyptius Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: tabl. méthodique d. Mamm., p. 22, 1804.

Range: Algeria and northern Nigeria to Egypt, Nubia and Sinai (Flower).

GERBILLUS HIRTIPES HIRTIPES Lataste

Gerbillus hirtipes Lataste, Le Naturaliste, 3: no. 64, p. 506, 15 Nov. 1881; Actes Soc. Linn. de Bordeaux, 40 (=(4) 10): 377, pl. 10, 1886. Oasis of Nefta, in the Djerid, Sahara, Tunis.

GERBILLUS HIRTIPES HESPERINUS Cabrera

Gerbillus hirtipes hesperinus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 365, July 1906. Mogador, Morocco.

GERBILLUS LATASTEI Thomas and Trouessart

Gerbillus latastei Thomas and Trouessart, Bull. Soc. Zool. de France, p. 172, 1903. Kébili, southern Tunis.

GERBILLUS LONGICAUDUS (Wagner)

Meriones longicaudus Wagner, Schreber's Säugthiere, Suppl., 3: 477, 1843. Egypt.

GERBILLUS MACROPUS (Heuglin)

Meriones macropus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: no. 7, p. 9, 1864. Between Djur and Kosanga Rivers, Bongo, Sudan.

GERBILLUS NANCILLUS Thomas and Hinton

Gerbillus nancillus Thomas and Hinton, Proc. Zool. Soc. London, p. 260, 6 July 1923. Plains of Darfur, 45 miles north of El Fasher, Anglo-Egyptian Sudan.

GERBILLUS NIGERIÆ Thomas and Hinton

Gerbillus nigeriæ Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920. Farniso, near Kano, northern Nigeria.

GERBILLUS NIGROTIBIALIS Monard

Gerbillus nigrotibialis Monard, Bull. Soc. Neuchâteloise d. Sci. Nat., Neuchâtel, 57: 54, text-f. 5, 6 (p. 65), 1932. Kubango, Angola.

GERBILLUS PÆBA PÆBA A. Smith

Gerbillus pæba A. Smith, Rept. Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, under Superintendence of A. Smith, p. 43, 1836. "Country beyond Latakoo," South Africa.

Gerbillus tenuis A. Smith, Illustr. Zool. South Africa, Mamm., pl. 36, f. 2 and text, Feb. 1842. North of Latakoo.

A synonym of *Gerbillus pæba* according to Thomas (Ann. Mag. Nat. Hist. (9) 2: 64, July 1918).

GERBILLUS PÆBA BROOMI Thomas

Gerbillus pæba broomi Thomas, Ann. Mag. Nat. Hist. (9) 2: 64, July 1918. Port Nolloth, Namaqualand, Cape of Good Hope.

GERBILLUS PÆBA COOMBSI Roberts

Gerbillus pæba coombsi Roberts, Ann. Transvaal Mus., 13: 98, 6 July 1929. Zwarthoek, Zoutpansberg, Transvaal.

GERBILLUS PULVINATUS Rhoads

Gerbillus pulvinatus Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 537, 8 Dec. 1896. Rusia, Lake Rudolf, Abyssinia.

GERBILLUS PYGARGUS F. Cuvier

G[erbillus] pygargus F. Cuvier, Trans. Zool. Soc. London, 2: 142, pl. 25, f. 10–14, 4 May 1838. Upper Egypt.

GERBILLUS PYRAMIDUM PYRAMIDUM I. Geoffroy. Greater Egyptian Gerbil

Gerbillus pyramidum I. Geoffroy, Dictionnaire Classique d'Hist. Nat., 7: 321, Feb. 1825. Giza Province, Egypt.

G[erbillus] burtoni F. Cuvier, Trans. Zool. Soc. London, 2: 145, pls. 22, 23, 4 May 1838. "Dahrfur"; "the type specimen was an animal which James Burton took alive to Paris in 1833" (Flower).

GERBILLUS PYRAMIDUM TARABULI Thomas

Gerbillus pyramidum tarabuli Thomas, Proc. Zool. Soc. London, 2: 5, Oct. 1902. Sebha, Tripoli.

GERBILLUS RIGGENBACHI Thomas

Gerbillus riggenbachi Thomas, Novitates Zool., 10: 301, 25 Aug. 1903. Rio de Oro.

GERBILLUS ROSALINDA St. Leger

Gerbillus rosalinda St. Leger, Ann. Mag. Nat. Hist. (10) 4: 295, Sep. 1929. Abu Zabad, 145 km. southwest of El Obeid, Kordofan, Anglo-Egyptian Sudan.

GERBILLUS SWALIUS SWALIUS Thomas and Hinton

Gerbillus swalius Thomas and Hinton, Proc. Zool. Soc. London, p. 235, 3 Apl. 1925. Karibib, Southwest Africa.

GERBILLUS SWALIUS LEUCANTHUS Thomas

Gerbillus swalius leucanthus Thomas, Proc. Zool. Soc. London, p. 382, 12 July 1927. Ondongwa, northwestern Ovamboland, Southwest Africa.

GERBILLUS SWALIUS ORALIS Thomas and Hinton

Gerbillus swalius oralis Thomas and Hinton, Proc. Zool. Soc. London, p. 236, 3 Apl. 1925. Rooibank, coast region near Walvis Bay, Southwest Africa.

GERBILLUS VALLINUS Thomas

Gerbillus vallinus Thomas, Ann. Mag. Nat. Hist. (9) 2: 148, Aug. 1918. Tuin, near Kenhart, Hartebeest River, near 29° S. and 21° E., Bushmanland, Southwest Africa.

Subgenus Endecapleura Lataste

Endecapleura Lataste, Le Naturaliste, Paris, 4: 127, 15 Aug. 1882. Subgenus of *Gerbillus*, type *Gerbillus garamantis* Lataste.

Hendecapleura Lataste, Ann. Mus. Civ. Stor. Nat., Genova, 20: 258, footnote, 8 Mar. 1884 (emendation).

Gerbillus garamantis Lataste

Gerbillus garamentis Lataste, Le Naturaliste, 3: no. 64, p. 506, 507 (spelled *garamantis*), 15 Nov. 1881. Sidi-Roueld, Ouargla, Algeria.

Dipodillus garamantis Thomas, Ann. Mag. Nat. Hist. (8) 2: 374, Oct. 1908.

Meriones Illiger. Jirds

Meriones Illiger, Prodromus Syst. Mamm. et Avium, p. 82, 1811. Genotype not specified; included *Dipus tamaricinus* (Pallas) and *D. meridianus* (Gmelin).

Idomeneus Schulze, Zeitschr. f. Naturw., Stuttgart, 73: 201, 19 Dec. 1900. Subgenus of *Meriones;* type *Mus tamaricinus* Pallas.

Meriones calurus (Thomas)

Gerbillus calurus Thomas, Ann. Mag. Nat. Hist. (6) 9: 76, Jan. 1892. No locality.

Range: Sinai and eastern Egypt.

Meriones erythrourus legeri Aharoni

Meriones erythrourus legeri Aharoni, Zeitschr. f. Säugetierkunde, 7: 202, 15 Dec. 1932. Wadi-el-Abjad, southern Palestine.

Meriones grandis Cabrera

Meriones grandis Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 7: 175, Apl. 1907. Marrakesh, central Morocco.

Meriones lacernatus Rüppell

Meriones lacernatus Rüppell, Mus. Senckenburgianum, 3: 96, 115, pl. 6, f. 1, 1842. Dembea Lake, Abyssinia.

Meriones libycus libycus Lichtenstein

Meriones libycus Lichtenstein, Verzeichn. d. Doubletten Zool. Mus. Berlin, p. 5, 1823. "E deserto libyco." Egypt, "no doubt Alexandria" (Thomas).

Meriones shawi Rozet, Voy. Rég. Algér., 1: 243, 1833 (ex Shaw, Voy., 1: 321, 1743). Algeria.

Gerbillus shawii Duvernoy, L'Institut, p. 400, Nov. 1841.

Gerbillus sellysii (sic) Pomel, Compt. Rend. Acad. Sci. Paris, 42: 652, 1856. Algeria, Oran province.

Gerbillus richardii Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 104, 1867. Environs of Boghar and country of the Beni Sliman, Algeria. Status uncertain.

Gerbillus savvii Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, pl. 6, 1867 (lapsus for *shawii*).

Meriones isis Thomas, Ann. Mag. Nat. Hist. (9) 3: 271, Mar. 1919. Ramleh, near Alexandria, Egypt.

MERIONES LIBYCUS ALBIPES Lataste

Meriones albipes Lataste, Le Naturaliste, 4: no. 13, p. 101, 1 July 1882. M'sila, high plateau of Algeria.

MERIONES LIBYCUS AUZIENSIS Lataste

Meriones auziensis Lataste, Le Naturaliste, 4: no. 10, p. 77, 15 May 1882. Borders of Oued Akarit, between Aumale and Oued Okris, Algeria.

MERIONES LIBYCUS CAUDATUS Thomas

Meriones libycus caudatus Thomas, Ann. Mag. Nat. Hist. (9) 3: 267, Mar. 1919. Ferdjan, Tripoli, Libya.

MERIONES LIBYCUS CONFALONIERII de Beaux

Merione[s] libycus confalonierii de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 384, 2 June 1932. El Agheila, Libyan Desert, near Oasis of Cufra, Libya.

MERIONES LIBYCUS CRASSIBULLA Lataste

Meriones shawi var. *crassibulla* Lataste, Explor. Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tebessa, Tamesmida, and Taferma, Tunis.

MERIONES LIBYCUS GUYONII (Loche)

Gerbillus guyonii Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 103, 1867. Region of Ain-el-Atrech, Algeria.

A valid race according to Thomas, O., Ann. Mag. Nat. Hist. (9) 3: 271, Mar. 1919.

MERIONES LIBYCUS LATICEPS Lataste

Meriones shawi var. *laticeps* Lataste, Explor. Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tunis.

See also Lataste, F., Proc. Zool. Soc. London, p. 94, text-f. 1 (skull), June 1884.

MERIONES LIBYCUS LONGICEPS Lataste

Meriones shawi var. *longiceps* Lataste, Exploration Sci. de Tunisie, Cat. Critique d. Mamm., p. 27, 1887. Tunis. Status uncertain.

MERIONES LIBYCUS PALLIDUS Bonhote

Meriones crassus pallidus Bonhote, Abstr. Proc. Zool. Soc. London, no. 103, p. 3, 13 Feb. 1912; Proc. Zool. Soc. London, p. 226, 13 Mar. 1912. Atbara, Anglo-Egyptian Sudan.

MERIONES LIBYCUS TRIPOLIUS Thomas

Meriones pallidus tripolius Thomas, Ann. Mag. Nat. Hist. (9) 3: 265, Mar. 1919. Gebel Limhersuk, northwestern Tripoli.

MERIONES MARIÆ Cabrera

Meriones mariæ Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 7: 177, Apl. 1907. Tarfaya, Sahara region, Cabo Juby, Rio de Oro.

MERIONES SCHOUSBŒII SCHOUSBŒII (Loche)

Gerbillus schousboeii Loche, Cat. des Mamm. et Oiseaux de l'Algérie, p. 23, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 105, 1867. Ras-nili, Sahara, Algeria.

Gerbillus renaultii Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 106, 1867. Environs of Messad, Sahara, Algeria.

Meriones gætulus Lataste, Le Naturaliste, 4: no. 11, p. 83, 1 June 1882. Algeria; specimens mentioned from Tilremt, between Laghouat and Berrian, Sahara, and from M'sila, high plateaux.

MERIONES SCHOUSBŒII TUAREG Thomas

Meriones schousbœi tuareg Thomas, Ann. Mag. Nat. Hist. (9) 16: 193, July 1925. Teguidda, west of Asben, French West Africa (Sahara).

MERIONES TROUESSARTI Lataste

Meriones trouessarti Lataste, Le Naturaliste, 4: no. 9, p. 69, 1 May 1882. Bou-Sáada, and Oued Magra, near M'sila, Algeria.

Meriones melanurus Rüppell, Mus. Senckenburgianum, 3: 95, 115, pl. 7, f. 3, 1842. Alexandria, Egypt, and Tor, Arabia.

See Thomas, O., (Ann. Mag. Nat. Hist. (9) 3: 264, Mar. 1919) as to status and lectotype.

MICRODILLUS Thomas

Microdillus Thomas, Ann. Mag. Nat. Hist. (8) 5: 197, Feb. 1910. Genotype *Gerbillus peeli* De Winton.

MICRODILLUS PEELI (De Winton)

Gerbillus peeli De Winton, Ann. Mag. Nat. Hist. (7) 1: 250, Mar. 1898 (skull but not skin as described). Eyk, Somaliland.

Pachyuromys Lataste

Pachyuromys Lataste, Le Naturaliste, 2: no. 40, p. 313, 15 Nov. 1880. Genotype *Pachyuromys duprasi* Lataste.

Pachyuromys duprasi duprasi Lataste. The "Boubiéda"

Pachyuromys duprasi Lataste, Le Naturaliste, 2: no. 40, p. 313, 15 Nov. 1880. Algerian Sahara.

Pachyuromys duprasi faroulti Thomas

Pachyuromys duprasi faroulti Thomas, Novitates Zool., 27: 313, 15 June 1920. Méchéria, 100 km. northwest of Ain Sefra, plateau of western Algeria.

Pachyuromys duprasi natronensis De Winton

Pachyuromys dupresi (sic) *natronensis* De Winton, Novitates Zool., 10: 285, pl. 8, f. 3, 25 Aug. 1903. Bir Victoria, on the way to Wadi Natron from the Nile, Egypt.

Psammomys Cretzschmar. Sand Rats

Psammomys Cretzschmar, in Rüppell's Atlas zu d. Reise im nördliche Afrika, Säugeth., 1: 56, 1828. Genotype *Psammomys obesus* Cretzschmar.

Psammomys elegans Heuglin

Psammomys elegans Heuglin, Reise in Nordost-Afrika, 2: 80, 1877. "Sauakin" or Suakin, Red Sea, Anglo-Egyptian Sudan.

Psammomys algiricus Thomas

Ps[ammomys] algiricus Thomas, Ann. Mag. Nat. Hist. (7) 9: 363, 364, May 1902. Biskra, southern Algeria.

Psammomys obesus obesus Cretzschmar

Psammomys obesus Cretzschmar, in Rüppell's Atlas zu d. Reise im nördliche Afrika, Säugeth., p. 58, pl. 22, 23, 1826. Alexandria, Egypt.

Psammomys roudairei Lataste, Le Naturaliste, 3: no. 62, p. 492, 15 Oct. 1881. Thomas, Proc. Zool. Soc. London, 2: 10, Oct. 1902. Algeria.

Range: Algeria, Tunis and Libya to northern Lower Egypt and southern Palestine.

Psammomys obesus nicolli Thomas

Psammomys obesus nicolli Thomas, Ann. Mag. Nat. Hist. (8) 2: 92, July 1908. Damietta, northern Egypt.

PSAMMOMYS TRIPOLITANUS Thomas

Psammomys tripolitanus Thomas, Proc. Zool. Soc. London, 2: 9, Oct. 1902. Bou Cheifa, coast of Tripoli.

PSAMMOMYS VEXILLARIS VEXILLARIS Thomas

Psammomys vexillaris Thomas, Ann. Mag. Nat. Hist. (9) 16: 198, July 1925. Bondjem, Tripoli.

PSAMMOMYS VEXILLARIS EDUSA Thomas

Psammomys vexillaris edusa Thomas, Ann. Mag. Nat. Hist. (9) 16: 199, July 1925. Mil Mahases, Chegga, just south of Biskra, Algeria.

TATERA Lataste

Tatera Lataste, Le Naturaliste, 4: no. 16, p. 126, 15 Aug. 1882. Subgenus of *Gerbillus;* type *Gerbillus indicus* Hardwicke.

Taterona Wroughton, Journ. Bombay Nat. Hist. Soc., 25: 40, 20 Mar. 1917. Genotype *Gerbillus afer* Gray. A synonym of *Tatera*, see Hollister; also Roberts, Ann. Transvaal Mus., 11: 251, 11 Sep. 1926.

Review: Wroughton, R. C. Notes on the genus *Tatera*, with descriptions of new species. Ann. Mag. Nat. Hist. (7) 17: 474–499, May 1906; with key.

Subgenus TATERA Lataste

TATERA AFRA AFRA (Gray)

Gerbillus afra Gray, Spicilegia Zool., 2: 10, 1 Aug. 1830. Cape of Good Hope.

Meriones schlegelii Smuts, Enumeratio Mamm. Capens., p. 41, pl. 1; pl. 3, fig. 1–5, 1832. Cape of Good Hope, Port Elizabeth.

Gerbillus africanus F. Cuvier, Trans. Zool. Soc. London, 2: pl. 26, f. 5–9, 1838. No locality, but presumably Cape of Good Hope.

TATERA AFRA GILLI Roberts

Tatera afra gilli Roberts, Ann. Transvaal Mus., 13: 100, 6 July 1929. Lambert's Bay, Cape Colony.

TATERA ANGOLÆ Wroughton

Tatera angolæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 488, May 1906. Fort Quilenges, Angola.

TATERA BENVENUTA BENVENUTA (Hinton and Kershaw)

Taterona benvenuta Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 97, July 1920. Bahr-el-Jebel, Mongalla, Anglo-Egyptian Sudan.

TATERA BENVENUTA LUCIA (Hinton and Kershaw)

Taterona benvenuta lucia Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 99, July 1920. Musisi River, Lake Albert, Kenya Colony.

TATERA BODESSANA Frick

Tatera vicina bodessana Frick, Ann. Carnegie Mus., 9: 15, Sep. 1914. Bodessa, southern Abyssinia, 5000 ft.

TATERA BRANTSII BRANTSII (A. Smith)

Gerbillus brantsii A. Smith, Rept. Exped. for Exploring Central Africa, from Cape of Good Hope, June 23, 1834, under Superintendence of Dr. A. Smith, p. 43, 1836. "Tops of hills towards sources of Caledon River," Orange Free State.

Meriones montanus A. Smith, Illustr. Zool. South Africa, Mammals, pl. 36, f. 1 and text, Feb. 1842. "Bashartoo Country" (? = Basutoland).

Meriones (*Rhombomys*) *maccalinus* Sundevall, Öfversigt af Kongl. Vet.-Akad. Förhandl., Stockholm, for 1846, 3: 120, 1847. "In Caffraria interiore, prope montes nomine Maccali cognitos," i.e., Magaliesberg, Transvaal.

Not a valid form according to Roberts, A., Ann. Transvaal Mus., 11: 250, 14 Sep. 1926.

TATERA BRANTSII PERPALLIDA Dollman

Tatera brantsi perpallida Dollman, Ann. Mag. Nat. Hist. (8) 6: 394, Oct. 1910. East bank of the Tamalakan River, Ngamiland, Bechuanaland.

TATERA BREYERI Roberts

Tatera breyeri Roberts, Ann. Transvaal Mus., 11: 250, 14 Sep. 1926. Nylstroom, Transvaal.

TATERA CAFFER (Wagner)

Meriones caffer Wagner, Arch. f. Naturgesch., 8: sec. 1, p. 18, 1842. South Africa.

TATERA COSENSI (Kershaw)

Taterona cosensi Kershaw, Ann. Mag. Nat. Hist. (9) 8: 567, Nov. 1921. Vihingo, near Ruvu Station, 40 miles inland from Dar-es-Salaam, Tanganyika Territory.

TATERA DICHRURA Thomas

Tatera dichrura Thomas, Ann. Mag. Nat. Hist. (8) 16: 147, Aug. 1915. Poko, Upper Uele River, Congo Belge.

TATERA DRACO Wroughton

Tatera draco Wroughton, Ann. Mag. Nat. Hist. (7) 17: 479, May 1906. Wakkerstroom, Transvaal.

TATERA FALLAX Thomas and Schwann
Tatera fallax Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 6, p. 22, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 461, 2 Aug. 1904. Burumba, Ankole, southwestern Uganda.

TATERA FLAVIPES G. M. Allen
Tatera flavipes G. M. Allen, Bull. Mus. Comp. Zool., 58: 331, text-f. 2, July 1914. Aradeiba, above Roseires, Blue Nile, Anglo-Egyptian Sudan.

TATERA GAMBIANA Thomas
Tatera gambiana Thomas, Ann. Mag. Nat. Hist. (8) 6: 428, Oct. 1910. Marakissa, Gambia.

TATERA GIFFARDI Wroughton
Tatera giffardi Wroughton, Ann. Mag. Nat. Hist. (7) 17: 489, May 1906. Gambaga, Gold Coast.

TATERA GUINEÆ GUINEÆ Thomas
Tatera guineæ Thomas, Ann. Mag. Nat. Hist. (8) 5: 353, Apl. 1910. Gunnal, Portuguese Guinea.

TATERA GUINEÆ PICTA (Hayman)
Taterona guineæ picta Hayman, Proc. Zool. Soc. London, for 1935, p. 930, 10 Jan. 1936. Pong, Tamale, Northern Territories of Gold Coast.

TATERA HOPKINSONI Thomas
Tatera hopkinsoni Thomas, Ann. Mag. Nat. Hist. (8) 8: 375, Sep. 1911. Kudang, Gambia.

TATERA HUMPATENSIS (Hill and Carter)
Taterona humpatensis Hill and Carter, Amer. Mus. Novitates, no. 913, p. 5, f. 3, 8 Mar. 1937. Humpata, Angola, 6300 ft.

TATERA INCLUSA Thomas and Wroughton
Tatera inclusa Thomas and Wroughton, Proc. Zool. Soc. London, p. 169, 7 Sep. 1908. Tambarara, Gorongoza district, Mozambique.

TATERA JOANÆ (Thomas)
Taterona joanæ Thomas, Proc. Zool. Soc. London, p. 299, 29 Apl. 1926. Ukuambi, Ovamboland, Southwest Africa.

TATERA KEMPII Wroughton
Tatera kempii Wroughton, Ann. Mag. Nat. Hist. (7) 17: 375, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

TATERA LEUCOGASTER (Peters)

Meriones leucogaster Peters, Reise nach Mossambique, Säugeth., p. 145, pl. 33, f. 1; pl. 35, f. 4, 1852. Mesuril and Boror, Mozambique.

TATERA LIODON LIODON Thomas

Tatera liodon Thomas, Ann. Mag. Nat. Hist. (7) 9: 441, June 1902. Lake Mweru, northern Nyasaland.

TATERA LIODON DUNDASI Wroughton

Tatera dundasi Wroughton, Ann. Mag. Nat. Hist. (8) 4: 539, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

TATERA LIODON SMITHI Wroughton

Tatera smithi Wroughton, Ann. Mag. Nat. Hist. (8) 3: 249, Mar. 1909. Mubende, Unyoro, Uganda.

TATERA LOBENGULÆ LOBENGULÆ (De Winton)

Gerbillus (*Tatera*) *lobengulæ* De Winton, Ann. Mag. Nat. Hist. (7) 2: 4, July 1898. Essex Vale, Matabeleland, Southern Rhodesia.

TATERA LOBENGULÆ BECHUANÆ Wroughton

Tatera lobengulæ bechuanæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 482, May 1906. Molopo, Bechuanaland.

TATERA LOBENGULÆ BEIRENSIS Roberts

Tatera lobengulæ beirensis Roberts, Ann. Transvaal Mus., 13: 106, 6 July 1929. Near Beira, Mozambique.

TATERA LOBENGULÆ GRIQUÆ Wroughton

Tatera lobengulæ griquæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 483, May 1906. Kuruman, Bechuanaland.

Tatera miliaria stellæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 485, May 1906. Kuruman, Bechuanaland, 4000 ft.

Identical with *griquæ* (Roberts, A., Ann. Transvaal Mus., 13: 102, 6 July 1929).

TATERA LOBENGULÆ LIMPOPOENSIS Roberts

Tatera lobengulæ limpopoensis Roberts, Ann. Transvaal Mus., 13: 104, 6 July 1929. Njellele River, Zoutpansberg district, Transvaal.

TATERA LOBENGULÆ LITTORALIS Roberts

Tatera lobengulæ littoralis Roberts, Ann. Transvaal Mus., 13: 105, 6 July 1929. Masiene, near mouth of Limpopo River, Mozambique.

TATERA LOBENGULÆ MASHONÆ Wroughton
Tatera lobengulæ mashonæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 483, May 1906. Mazoe, Mashonaland, Rhodesia.

TATERA LOBENGULÆ MITCHELLI Roberts
Tatera lobengulæ mitchelli Roberts, Ann. Transvaal Mus., 13: 103, 6 July 1929. Wonderfontein, Transvaal.

TATERA LOBENGULÆ NDOLÆ (Kershaw)
Taterona lobengulæ ndolæ Kershaw, Ann. Mag. Nat. Hist. (9) 10: 105, July 1922. N'Dola, Northern Rhodesia, 12° 50′ S., 28° 40′ E.

TATERA LOBENGULÆ PANJA Wroughton
Meriones tenuis Peters (not A. Smith), Reise nach Mossambique, Säugeth., p. 149, 1852. Tette, Mozambique.
Tatera panja Wroughton, Ann. Mag. Nat. Hist. (7) 17: 486, May 1906. Chicosta, 60 miles above Tette, Zambesi River, Mozambique.
As to subspecific status, see Roberts, A., Ann. Transvaal Mus., 13: 103, 6 July 1929.

TATERA LOBENGULÆ PESTIS Roberts
Tatera lobengulæ pestis Roberts, Ann. Transvaal Mus., 13: 103, 6 July 1929. Bothaville, Orange Free State.

TATERA LOBENGULÆ PRETORIÆ Roberts
Tatera lobengulæ pretoriæ Roberts, Ann. Transvaal Mus., 13: 104, 6 July 1929. Pretoria North, Transvaal.

TATERA LOBENGULÆ SALSA Wroughton
Tatera miliaria salsa Wroughton, Ann. Mag. Nat. Hist. (7) 17: 485, May 1906. Klein Letaba, Zoutpansberg, Transvaal.
As to status, see Roberts, A., Ann. Transvaal Mus., 13: 102, 6 July 1929.

TATERA LOBENGULÆ TZANEENENSIS Roberts
Tatera lobengulæ tzaneenensis Roberts, Ann. Transvaal Mus., 13: 105, 6 July 1929. Tzaneen Estates, northeastern Transvaal.

TATERA LOBENGULÆ ZULUENSIS Roberts
Tatera lobengulæ zuluensis Roberts, Ann. Transvaal Mus., 14: 230, 28 July 1931. Manaba, 30 miles from Kosi Bay, northern Zululand, Natal.

TATERA MACROPUS (Heuglin)
Meriones macropus Heuglin, Reise in Nordost-Afrika, 2: 79, 1877. Bongo, Bahr-el-Ghazal region, Anglo-Egyptian Sudan.

TATERA MAPUTA Roberts

Tatera maputa Roberts, Ann. Transvaal Mus., 18: 238, 21 Feb. 1936. Maputa, northern Zululand, Natal.

TATERA MILIARIA Wroughton

Tatera miliaria Wroughton, Ann. Mag. Nat. Hist. (7) 17: 484, May 1906. Deelfontein, Cape Colony.

TATERA MINUSCULA Osgood

Tatera minuscula Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 230, 28 Dec. 1936. Sheik Hussein, near Webi Shebeli, Bale, Ethiopia.

TATERA NATALENSIS Roberts

Tatera natalensis Roberts, Ann. Transvaal Mus., 13: 101, 6 July 1929. Kilgobbin, Lidgetton, Natal.

TATERA NEAVEI Wroughton

Tatera neavei Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no: 5, p. 18, 13 Mar. 1907. 'Ndola, Rhodesia.

TATERA NIGRICAUDA NIGRICAUDA (Peters)

Gerbillus nigricaudus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ndi, Taita, Kenya Colony.

TATERA NIGRICAUDA BAYERI Lönnberg

Tatera nigricauda bayeri Lönnberg, Revue Zool. Africaine, 5: 179, 30 Apl. 1918. Maroon River, near Mt. Elgon, Kenya Colony.

TATERA NIGRICAUDA BODESSÆ Frick

Tatera nigricauda bodessæ Frick, Ann. Carnegie Mus., 9: 14, 6 June 1914. Sagan River, Bodessa, Abyssinia, 5000 ft.

TATERA NIGRICAUDA NYAMA Dollman

Tatera nigricauda nyama Dollman, Ann. Mag. Nat. Hist. (8) 7: 522, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

TATERA NIGRICAUDA PERCIVALI Heller

Tatera nigracauda (sic) *percivali* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 8, 24 June 1914. Lorian Swamp, Kenya Colony.

TATERA NIGRITA NIGRITA Wroughton

Tatera nigrita Wroughton, Ann. Mag. Nat. Hist. (7) 17: 491, May 1906: Masindi, Unyoro, Uganda.

TATERA NIGRITA BENIENSIS Hatt

Tatera nigrita beniensis Hatt, Amer. Mus. Novitates, no. 791, p. 2, 11 Apl. 1935. New post of Beni (Bungulu), eastern Congo Belge, 3900 ft.

TATERA NYASÆ NYASÆ Wroughton

Tatera nyasæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 490, May 1906. Deep Bay, northern Nyasaland.

TATERA NYASÆ LOVERIDGEI Hatt

Tatera nyassæ loveridgei Hatt, Amer. Mus. Novitates, no. 791, p. 2, 11 Apl. 1935. Kilosa, Tanganyika Territory.

TATERA NYASÆ SHIRENSIS Wroughton

Tatera nyasæ shirensis Wroughton, Ann. Mag. Nat. Hist. (7) 17: 490, May 1906. Mount Malosa, Upper Shiré, Nyasaland.

TATERA PHILLIPSI PHILLIPSI (De Winton)

Gerbillus (*Tatera*) *phillipsi* De Winton, Ann. Mag. Nat. Hist. (7) 1: 253, Mar. 1898. Hanka Dadi, Somaliland.
Named for E. Lort-Phillips

TATERA PHILLIPSI UMBROSA Dollman

Tatera phillipsi umbrosa Dollman, Ann. Mag. Nat. Hist. (8) 9: 219, Feb. 1912. Baringo, Kenya Colony.

TATERA ROBUSTA ROBUSTA (Cretzschmar)

Meriones robustus Cretzschmar, in Rüppell's Atlas zu d. Reise im nördl. Afrika, Säugeth., p. 75, pl. 29, f. b, 1826. Kordofan.

Meriones murinus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 231, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

TATERA ROBUSTA TAYLORI Hatt

Tatera robusta taylori Hatt, Amer. Mus. Novitates, no. 791, p. 1, 11 Apl. 1935. Khor Birum, Red Sea hills, Anglo-Egyptian Sudan.

TATERA RUDDI RUDDI Wroughton

Tatera ruddi Wroughton, Ann. Mag. Nat. Hist. (7) 17: 478, May 1906. Umvolosi, Zululand, Natal.

TATERA RUDDI TONGENSIS Roberts

Tatera ruddi tongensis Roberts, Ann. Transvaal Mus., 14: 230, 28 July 1931. Maputa, northern Zululand, Natal.

TATERA RUWENZORII Thomas and Wroughton

Tatera ruwenzorii Thomas and Wroughton, Trans. Zool. Soc. London, 19: 500, Mar. 1910. Mokia, southeastern Ruwenzori, Uganda.

TATERA SCHINZI (Noack)

Gerbillus tenuis, var. *schinzi* Noack, Zool. Jahrb., Syst., 4: 134, pl. 3, f. 13–16, 28 Feb. 1889. Kalahari Desert, Southwest Africa.

TATERA SHOANA Wroughton

Tatera shoana Wroughton, Ann. Mag. Nat. Hist. (7) 17: 492, May 1906. Jefir Medir, British Somaliland.

TATERA SOROR G. M. Allen

Tatera soror G. M. Allen, Bull. Mus. Comp. Zool., 58: 333, text-f. 3, July 1914. Fazogli, Blue Nile, Anglo-Egyptian Sudan.

TATERA SWAYTHLINGI (Kershaw)

Taterona swaythlingi Kershaw, Ann. Mag. Nat. Hist. (9) 8: 565, Nov. 1921. Morogoro, 150 miles west of Dar-es-Salaam, Tanganyika Territory.

TATERA TABORÆ (Kershaw)

Taterona taboræ Kershaw, Ann. Mag. Nat. Hist. (9) 8: 566, Nov. 1921. Tabora, Tanganyika Territory.

TATERA VALIDUS (Bocage)

Gerbillus validus Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: no. 5, p. 6, pl. 1, f. 1, 1a, Sep. 1890. Ambaca, Quissange, Caconda, Rio Cuando, Angola:

TATERA VICINA VICINA (Peters)

Gerbillus vicinus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Kitui, Ukambani, Kenya Colony.

Tatera mombasæ Wroughton, Ann. Mag. Nat. Hist. (7) 17: 493, May 1906. Takangu, Kenya Colony.

TATERA VICINA BODESSANA Frick

Tatera vicina bodessana Frick, Ann. Carnegie Mus., 9: 15, 6 June 1914. Bodessa, southern Abyssinia, 5000 ft.

TATERA VICINA ICONICA Dollman

Tatera iconica Dollman, Ann. Mag. Nat. Hist. (8) 7: 521, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

TATERA VICINA MUANSÆ (Matschie)

Gerbillus (*Tatera*) *vicinus muansæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 333, Oct. 1911. Mwansa, south coast of Victoria Nyanza, Tanganyika Territory.

TATERA VICINA POTHÆ Heller

Tatera pothæ Heller, Smithsonian Misc. Coll., 56: no. 9, p. 2, pl. 1, 4 figs., 22 July 1910. Potha, Kapiti Plains, Kenya Colony.

TATERA WELMANNI (St. Leger)

Taterona welmanni St. Leger, Ann. Mag. Nat. Hist. (10) 3: 387, Apl. 1929. Maiduguri, northeastern Nigeria.

Subgenus GERBILLISCUS Thomas

Gerbilliscus Thomas, Proc. Zool. Soc. London, p. 433, 1 Oct. 1897. Genotype *Tatera böhmi* (Noack).

TATERA BÖHMI BÖHMI (Noack)

Gerbillus böhmi Noack, Zool. Jahrb., Syst., 2: 241, pl. 9, f. 11–13 (skull), 7 May 1887. Qua Mpala, Marunga, Northern Rhodesia.

TATERA BÖHMI VARIA Heller

Tatera varia Heller, Smithsonian Misc. Coll., 56: no. 9, p. 1, pl. 1, 4 figs., 22 July 1910. Loletai plains, Southern Guaso Nyiro, Kenya Colony.

TATERA FRATERCULUS (Thomas)

Gerbillus (*Gerbilliscus*) *fraterculus* Thomas, Proc. Zool. Soc. London, p. 392, 1 Oct. 1898. Songwe, northern Nyasaland.

TATERILLUS Thomas

Taterillus Thomas, Ann. Mag. Nat. Hist. (8) 6: 222, Aug. 1910. Genotype *Gerbillus emini* Thomas.

Taterina Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 152, 1916. Subgenus of *Gerbillus*, type *Gerbillus lorenzi* Wettstein.

See Wroughton, R. C. African gerbils of the genera *Tatera* and *Taterillus*. Ann. Mag. Nat. Hist. (8) 6: 292–294, Sep. 1910 (with key to species of *Taterillus*).

TATERILLUS BUTLERI Wroughton

Taterillus butleri Wroughton, Ann. Mag. Nat. Hist. (8) 6: 293, 294, Sep. 1910. Dugdug, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Gerbillus (*Taterillus*) *kadugliensis* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 151, 1916. Kadugli, southern Kordofan, Anglo-Egyptian Sudan.

Regarded as a synonym of *Taterillus butleri* by Thomas and Hinton (Proc. Zool. Soc. London, p. 257, 6 July 1923).

Gerbillus (*Taterina*) *lorenzi* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 152, 1916. El Obeid, Kordofan, Anglo-Egyptian Sudan.

As to status see Thomas, O., and Hinton, M. A. C., Proc. Zool. Soc. London, p. 257, 6 July 1923.

TATERILLUS CLIVOSUS Thomas and Hinton

Taterillus clivosus Thomas and Hinton, Proc. Zool. Soc. London, p. 258, 6 July 1923. Jebel Marra, Darfur, Anglo-Egyptian Sudan.

TATERILLUS CONGICUS Thomas

Taterillus congicus Thomas, Ann. Mag. Nat. Hist. (8) 16: 147, Aug. 1915. Poko, Upper Uele River, Congo Belge.

TATERILLUS EMINI EMINI (Thomas)

Gerbillus emini Thomas, Ann. Mag. Nat. Hist. (6) 9: 78, Jan. 1892. Wadelai, Uganda.

TATERILLUS EMINI ANTHONYI Hatt

Taterillus emini anthonyi Hatt, Amer. Mus. Novitates, no. 708, p. 2, text-f., 4 Apl. 1934. White Nile, west bank, 20 miles south of Jebel Ain, Anglo-Egyptian Sudan.

TATERILLUS EMINI ZAMMARANI de Beaux

[*Taterillus emini*] *zammarani* de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 27, Feb. 1922. Dolo, southern Somaliland.

TATERILLUS GRACILIS GRACILIS (Thomas)

Gerbillus gracilis Thomas, Ann. Mag. Nat. Hist. (6) 9: 77, Jan. 1892. Gambia.

TATERILLUS GRACILIS ANGELUS Thomas and Hinton

Taterillus gracilis angelus Thomas and Hinton, Novitates Zool., 27: 317, 15 June 1920. Farniso, near Kano, northern Nigeria.

TATERILLUS GYAS Thomas

Taterillus gyas Thomas, Ann. Mag. Nat. Hist. (9) 2: 150, Aug. 1918. Kamisa, Dinder River, Anglo-Egyptian Sudan.

TATERILLUS HARRINGTONI (Thomas)

Tatera harringtoni Thomas, Ann. Mag. Nat. Hist. (7) 18: 303, Oct. 1906. Mutti Galeb, east of Lake Rudolf, Abyssinia.

TATERILLUS LACUSTRIS (Thomas and Wroughton)
Tatera lacustris Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 378, May 1907. Lake Chad.

TATERILLUS LOWEI Dollman
Taterillus lowei Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 312, 16 June 1914. Ten miles west of Ngamatak Hills, Turkwel River, Uganda.

TATERILLUS MELANOPS G. M. Allen
Taterillus melanops G. M. Allen, Bull. Mus. Comp. Zool., 54: 446, Apl. 1912. Meru River, Northern Guaso Nyiro, Kenya Colony.

TATERILLUS NIGERIÆ Thomas
Taterillus nigeriæ Thomas, Ann. Mag. Nat. Hist. (8) 7: 459, May 1911. Kabir, northern Nigeria.

TATERILLUS NUBILUS NUBILUS Dollman
Taterillus nubilus Dollman, Ann. Mag. Nat. Hist. (8) 8: 656, Nov. 1911. Orr Valley, Mt. Nyiro, Kenya Colony.

TATERILLUS NUBILUS ILLUSTRIS Dollman
Taterillus nubilus illustris Dollman, Ann. Mag. Nat. Hist. (8) 8: 656, Nov. 1911. Twelve miles north of the Northern Guaso Nyiro, Kenya Colony.

TATERILLUS OSGOODI Wroughton
Taterillus osgoodi Wroughton, Ann. Mag. Nat. Hist. (8) 6: 293, Sep. 1910. Voi, Kenya Colony.

TATERILLUS PERLUTEUS Thomas and Hinton
Taterillus perluteus Thomas and Hinton, Proc. Zool. Soc. London, p. 259, 6 July 1923. Um Kedada, about 100 miles east of the capital, Darfur, Anglo-Egyptian Sudan.

TATERILLUS RUFUS (Wettstein)
Gerbillus (*Tatera*) *rufa* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 151, 1916. El Obeid, northern Kordofan, Anglo-Egyptian Sudan.
As to status, see Thomas and Hinton, Proc. Zool. Soc. London, p. 259, 6 July 1923.

TATERILLUS TENEBRICUS Dollman
Taterillus tenebricus Dollman, Ann. Mag. Nat. Hist. (8) 7: 520, May 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

Subfamily OTOMYINÆ Groove-toothed Rats

See Thomas, Oldfield. A revised classification of the Otomyinæ, with descriptions of new genera and species. Ann. Mag. Nat. Hist. (9) 2: 203–211, Sep. 1918.

Myotomys Thomas

Myotomys Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 206, Sep. 1918. Genotype *Otomys unisulcatus* Brants.

Myotomys sloggetti sloggetti (Thomas)
Otomys sloggetti Thomas, Ann. Mag. Nat. Hist. (7) 10: 311, Oct. 1902. Deelfontein, Cape of Good Hope.

Myotomys sloggetti basuticus Roberts
Myotomys sloggetti basuticus Roberts, Ann. Transvaal Mus., 13: 110, 6 July 1929. Bolepeletsa, Basutoland, Cape of Good Hope.

Myotomys sloggetti jeppei Roberts
Myotomys sloggetti jeppei Roberts, Ann. Transvaal Mus., 13: 109, 6 July 1929. Jamestown, Cape of Good Hope.

Myotomys turneri (Wroughton)
Otomys turneri Wroughton, Ann. Mag. Nat. Hist. (7) 20: 31, July 1907. Aberfeldy, northeastern Orange Free State.

Myotomys unisulcatus unisulcatus (F. Cuvier)
Otomys unisulcatus F. Cuvier, Hist. Nat. des Mammifères, pt. 60, 1829. South Africa.

Myotomys unisulcatus bergensis Roberts
Myotomys unisulcatus bergensis Roberts, Ann. Transvaal Mus., 13: 108, 6 July 1929. Lambert's Bay, Cape of Good Hope.

Myotomys unisulcatus broomi (Thomas)
Otomys broomi Thomas, Ann. Mag. Nat. Hist. (7) 10: 313, Oct. 1902. Port Nolloth, Little Namaqualand, Cape of Good Hope.

Myotomys unisulcatus grantii (Thomas)
Otomys unisulcatus grantii Thomas, Ann. Mag. Nat. Hist. (7) 10: 312, Oct. 1902. Deelfontein, Cape of Good Hope.

Otomys F. Cuvier

Otomys F. Cuvier, Dents des Mammifères, p. 168, 255, pl. 60, 1823. Genotype *Euryotis irroratus* Brants.

Euryotis Brants, Het Geslacht der Muizen, p. 93, 1827. Genotype *Euryotis irroratus* Brants.

Oreomys Heuglin, Reise in Nordost-Afrika, 2: 76, 1877. Genotype *Oreomys typus* Heuglin.

Oreinomys Trouessart, Bull. Soc. d'Études Sci., Angers, 10: 111, 1880, and footnote. Substitute for *Oreomys* Heuglin, 1877, preoccupied.

See Wroughton, R. C. Notes on the genus *Otomys*. Ann. Mag. Nat. Hist. (7) 18: 264–278, Oct. 1906.

Thomas, O. On some new forms of *Otomys*. Ann. Mag. Nat. Hist. (7) 10: 311–314, 1902.

Dollman, Guy. On the swamp-rats (*Otomys*) of East Africa. Ann. Mag. Nat. Hist. (8) 15: 149–170, Jan. 1915.

Subgenus Anchotomys Thomas

Anchotomys Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 208, Sep. 1918. As a subgenus of *Otomys;* type and only species *Otomys anchietæ* Bocage.

Otomys anchietæ anchietæ (Bocage)

Euryotis anchietæ Bocage, Jorn. Sci. Phys., Math. e Nat., Lisboa, (1) 9: 26, July 1882. Caconda, Angola.

Otomys anchietæ lacustris G. M. Allen and Loveridge.

Otomys (*Anchotomys*) *anchietæ lacustris* G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 120, 7 Feb. 1933. Madehani, Ukinga Mts., north end of Lake Nyasa, Tanganyika Territory.

Subgenus Otomys F. Cuvier

Otomys angoniensis angoniensis Wroughton

Otomys irroratus angoniensis Wroughton, Ann. Mag. Nat. Hist. (7) 18: 274, Oct. 1906. M'Kombhuie, Angoniland, Nyasaland.

Otomys angoniensis Dollman, Ann. Mag. Nat. Hist. (8) 15: 163, Jan. 1915.

Otomys angoniensis elassodon Osgood

Otomys angoniensis elassodon Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Naivasha, Kenya Colony.

OTOMYS BURTONI Thomas

Otomys burtoni Thomas, Ann. Mag. Nat. Hist. (9) 2: 210, Sep. 1918. Cameroon Mts., French West Africa, 7000 ft.

For Sir Richard Burton.

OTOMYS CUANZENSIS Hill and Carter

Otomys cuanzensis Hill and Carter, Amer. Mus. Novitates, no. 913, p. 7, f. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

OTOMYS DARTMOUTHI Thomas

Otomys dartmouthi Thomas, Ann. Mag. Nat. Hist. (7) 18: 141, Aug. 1906. Ruwenzori East, Uganda, 12,500 ft.

OTOMYS DENTI Thomas

Otomys denti Thomas, Ann. Mag. Nat. Hist. (7) 18: 142, Aug. 1906. Ruwenzori East, Uganda, 6000 ft.

OTOMYS DIVINORUM Thomas

Otomys divinorum Thomas, Ann. Mag. Nat. Hist. (8) 6: 311, Sep. 1910. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 5300 ft.

OTOMYS IRRORATUS IRRORATUS (Brants)

E[uryotis] irroratus Brants, Het Geslacht der Muizen, p. 94, pl., 1827. Uitenhage, Cape of Good Hope (see Roberts, Ann. Transvaal Mus., 13: 111, 6 July 1929).

Otomys bisulcatus F. Cuvier, Hist. Nat. des Mammifères, pt. 61, 1829.

Euryotis typicus A. Smith, South African Quart. Journ., 2: 149, 1834. Near Constantia, Orange Free State.

Euryotis obscura Lichtenstein, Verzeichn. Samml. d. Säugeth. u. Vögeln Kafernlande, p. 10, 1842. South Africa, "Kaffirland."

OTOMYS IRRORATUS AURATUS Wroughton

Otomys irroratus auratus Wroughton, Ann. Mag. Nat. Hist. (7) 18: 272, Oct. 1906. Vredefort, Orange Free State.

OTOMYS IRRORATUS CŒNOSUS Thomas

Otomys irroratus cœnosus Thomas, Ann. Mag. Nat. Hist. (9) 2: 208, Sep. 1918. Kuruman, Bechuanaland.

OTOMYS IRRORATUS CUPREUS Wroughton

Otomys irroratus cupreus Wroughton, Ann. Mag. Nat. Hist. (7) 18: 273, Oct. 1906. Zoutpansberg, Transvaal.

OTOMYS IRRORATUS MAXIMUS Roberts
Otomys irroratus maximus Roberts, Ann. Transvaal Mus., 10: 70, 31 Jan. 1924. Machile River, northwestern Rhodesia.

OTOMYS IRRORATUS NATALENSIS Roberts
Otomys irroratus natalensis Roberts, Ann. Transvaal Mus., 13: 111, 6 July 1929. Bilgobbin, Dargle district, Natal.

OTOMYS IRRORATUS RANDENSIS Roberts
Otomys irroratus randensis Roberts, Ann. Transvaal Mus., 13: 112, 6 July 1929. Fontainebleau, Johannesburg, Transvaal.

OTOMYS JACKSONI JACKSONI Thomas
Otomys jacksoni Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. [Crater of] Mt. Elgon, Uganda side, 13,000 ft.

OTOMYS JACKSONI HELLERI Frick
Otomys jacksoni helleri Frick, Ann. Carnegie Mus., 9: 10, pl. 3, f. 1–5, 6 June 1914. Chilalo Divide Camp, Abyssinia, 9000 ft.
Otomys jacksoni mearnsi Frick, Ann. Carnegie Mus., 9: pl. 3, f. 1–5, 6 June 1914 (accidental renaming of *O. jacksoni helleri* Frick).

OTOMYS JACKSONI MALKENSIS Frick
Otomys jacksoni malkensis Frick, Ann. Carnegie Mus., 9: 11, text-f. 1, pl. 3, f. 6–10, 6 June 1914. Malka, Sidamo, Abyssinia (Ethiopia), 7000 ft.

OTOMYS KAROENSIS Roberts
Otomys karoensis Roberts, Ann. Transvaal Mus., 14: 231, pl. 6, 7, 8, fig. b, 28 July 1931. Wolseley, Cape of Good Hope.

OTOMYS KEMPI Dollman
Otomys kempi Dollman, Ann. Mag. Nat. Hist. (8) 15: 152, Jan. 1915. Burunga, Mt. Mikeno, Congo Belge, 6000 ft.

OTOMYS MASHONA Thomas
Otomys mashona Thomas, Ann. Mag. Nat. Hist. (9) 2: 210, Sep. 1918. Mazoë, Mashonaland, Southern Rhodesia.

OTOMYS NYIKÆ NYIKÆ Wroughton
Otomys irroratus nyikæ Wroughton, Ann. Mag. Nat. Hist. (7) 18: 276, Oct. 1906. Nyika Plateau, Nyasaland.
Otomys nyikæ Dollman, Ann. Mag. Nat. Hist. (8) 15: 164, Jan. 1915 (distinct species).

Otomys nyikæ canescens Osgood

Otomys nyikæ canescens Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Kijabe, Kenya Colony.

Otomys orestes orestes Thomas

Otomys irroratus orestes Thomas, Proc. Zool. Soc. London, p. 175, 1 June 1900. Teliki Valley, west slope of Mt. Kenya, Kenya Colony, 13,000 ft.

Otomys orestes Dollman, Ann. Mag. Nat. Hist. (8) 15: 156, Jan. 1915 (distinct species).

Otomys orestes dollmani Heller

Otomys orestes dollmani Heller, Smithsonian Misc. Coll., 59: no. 16, p. 5, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 7000 ft.

Otomys percivali Dollman

Otomys percivali Dollman, Ann. Mag. Nat. Hist. (8) 15: 168, Jan. 1915. Naivasha district, 12 miles south of Lake Olbollossat, Kenya Colony, 8700 ft.

Otomys robertsi Hewitt

Otomys robertsi Hewitt, Records Albany Mus., 3: 430, pl. 26, f. 3–4, 31 July 1927. Mont-aux-Sources, Orange Free State-Basuto Land border.

Otomys rowleyi Thomas

Otomys rowleyi Thomas, Ann. Mag. Nat. Hist. (9) 2: 209, Sep. 1918. Coguno, Inhambane, Mozambique.

Otomys rubeculus Dollman

Otomys rubeculus Dollman, Ann. Mag. Nat. Hist. (8) 15: 161, Jan. 1915. Kagambah, Uganda, 4800 ft.

Otomys silberbaueri Roberts

Otomys silberbaueri Roberts, Ann. Transvaal Mus., 6: 114, Apl. 1919. Lormarins, Pearl district, Cape of Good Hope.

Otomys thomasi thomasi Osgood

Otomys thomasi Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 9, 16 Feb. 1910. Molo, Kenya Colony.

Otomys thomasi malleus Dollman

Otomys thomasi malleus Dollman, Ann. Mag. Nat. Hist. (8) 15: 154, Jan. 1915. Lake Olbollossat, Naivasha district, Kenya Colony.

OTOMYS THOMASI SQUALUS Dollman
Otomys thomasi squalus Dollman, Ann. Mag. Nat. Hist. (8) 15: 155, Jan. 1915. Mt. Kinangop, Aberdare Range, Kenya Colony, 12,000 ft.

OTOMYS TROPICALIS TROPICALIS Thomas
Otomys irroratus tropicalis Thomas, Ann. Mag. Nat. Hist. (7) 10: 314, Oct. 1902. West slope of Mt. Kenya, Kenya Colony, 10,000 ft.
Otomys tropicalis Dollman, Ann. Mag. Nat. Hist. (8) 15: 157, Jan. 1915 (distinct species).

OTOMYS TROPICALIS ELGONIS Wroughton
Otomys irroratus elgonis Wroughton, Ann. Mag. Nat. Hist. (8) 5: 207, Feb. 1910. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

OTOMYS TROPICALIS FARADJIUS Hatt
Otomys tropicalis faradjius Hatt, Amer. Mus. Novitates, no. 708, p. 1, 4 Apl. 1934. Faradje, Upper Uele district, Congo Belge.

OTOMYS TROPICALIS GHIGII de Beaux
Otomys tropicalis ghigii de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 51: 213, 7 Mar. 1924. Bugala, Uganda.

OTOMYS TROPICALIS NUBILUS Dollman
Otomys tropicalis nubilus Dollman, Ann. Mag. Nat. Hist. (8) 15: 160, Jan. 1915. Jombeni (Igembi) Range, northeast of Mt. Kenya, Kenya Colony, 6000 ft.

OTOMYS TROPICALIS VIVAX Dollman
Otomys tropicalis vivax Dollman, Ann. Mag. Nat. Hist. (8) 15: 159, Jan. 1915. Mt. Nyiro, south of Lake Rudolf, Kenya Colony, 8000 ft.

OTOMYS TROPICALIS VULCANICUS Lönnberg and Gyldenstolpe
Otomys tropicalis vulcanicus Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 2, 2 May 1925. Mt. Sabinio, Birunga Volcanoes, Congo Belge.

OTOMYS TUGELENSIS TUGELENSIS Roberts
Otomys tugelensis Roberts, Ann. Transvaal Mus., 13: 113, 6 July 1929. Klipspruit, Utrecht, Natal.

OTOMYS TUGELENSIS PRETORIÆ Roberts
Otomys tugelensis pretoriæ Roberts, Ann. Transvaal Mus., 13: 114, 6 July 1929. Fountains Valley, Pretoria, Transvaal.

OTOMYS TUGELENSIS SABIENSIS Roberts

Otomys tugelensis sabiensis Roberts, Ann. Transvaal Mus., 13: 114, 6 July 1929. Mariepskop, Lyndenburg district, Transvaal.

OTOMYS TUGELENSIS SAUNDERSIÆ Roberts

Otomys tugelensis saundersiæ Roberts, Ann. Transvaal Mus., 13: 115, 6 July 1929. Grahamstown, Cape Colony.

OTOMYS TYPUS TYPUS (Heuglin)

Oreomys typus Heuglin, Reise in Nordost-Afrika, 2: 77, 1877. Highlands of Simen, Shoa, Abyssinia.

Otomys degeni Thomas, Proc. Zool. Soc. London, for 1902, 2: 311, Apl. 1903; Ann. Mag. Nat. Hist. (7) 18: 302, Oct. 1906 (status). Gombitchu, Shoa, Abyssinia, 8000 ft.

OTOMYS TYPUS FORTIOR Thomas

Otomys typus fortior Thomas, Ann. Mag. Nat. Hist. (7) 18: 302, Oct. 1906. Charada, Kaffa, Abyssinia, 6000 ft.

Otomys fortior Dollman, Ann. Mag. Nat. Hist. (8) 15: 170, Jan. 1915 (species).

Subgenus LAMOTOMYS Thomas

Lamotomys Thomas, Ann. Mag. Nat. Hist. (9) 2: 208, Sep. 1918. As a subgenus of *Otomys;* type and only species *Otomys laminatus* Thomas and Schwann.

OTOMYS LAMINATUS LAMINATUS Thomas and Schwann

Otomys laminatus Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 18, p. 23, 25 Apl. 1905; Proc. Zool. Soc. London, 1: 267, 10 Aug. 1905. Subudeni, Zululand, Natal.

OTOMYS LAMINATUS MARIEPSI Roberts

Otomys (*Lamotomys*) *laminatus mariepsi* Roberts, Ann. Transvaal Mus., 13: 110, 6 July 1929. Mariepskop, Lydenburg district, Transvaal.

OTOMYS LAMINATUS PONDOENSIS Roberts

Otomys (*Lamotomys*) *laminatus pondoensis* Roberts, Ann. Transvaal Mus., 10: 71, 31 Jan. 1924. Ngqueleni, western Pondoland, Cape of Good Hope.

PAROTOMYS Thomas

Subgenus PAROTOMYS Thomas

Parotomys Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, Sep. 1918. Genotype *Euryotis brantsii* A. Smith.

PAROTOMYS BRANTSII BRANTSII (A. Smith)

Euryotis brantsii A. Smith, Illustr. Zool. South Africa, Mamm., pl. 24 and text, Mar. 1840. Interior districts of South Africa.

Euryotis pallida Wagner, Arch. f. Naturgesch., 7: sect. 1, p. 134, 1841. South Africa.

Otomys rufifrons Rüppell, Mus. Senckenbergianum, 1: 28, 1842 (nomen nudum); Wagner, Schreber's Säugthiere, Suppl., 3: 507, 1843. Cape of Good Hope.

PAROTOMYS BRANTSII DESERTI Roberts

Parotomys brantsi deserti Roberts, Ann. Transvaal Mus., 15: 267, 1 Aug. 1933. Bushman Pits, Kuruman River, long. 22° E., Bechuanaland.

PAROTOMYS BRANTSII LUTEOLUS (Thomas and Schwann)

Otomys brantsii luteolus Thomas and Schwann, Proc. Zool. Soc. London, 1: 178, 9 June 1904. Deelfontein, Cape Colony.

Subgenus LIOTOMYS Thomas

Liotomys Thomas, Ann. Mag. Nat. Hist. (9) 2: 204, 205, Sep. 1918. Subgenus of *Parotomys;* type *Parotomys littledalei* Thomas.

PAROTOMYS LITTLEDALEI LITTLEDALEI Thomas

Parotomys (*Liotomys*) *littledalei* Thomas, Ann. Mag. Nat. Hist. (9) 2: 205, Sep. 1918. Tuin, Kenhart, Bushmanland, Cape of Good Hope.

PAROTOMYS LITTLEDALEI MOLOPENSIS Roberts

Parotomys (*Liotomys*) *littledalei molopensis* Roberts, Ann. Transvaal Mus., 15: 267, 1 Aug. 1933. Hakscheen Pan, near Rietfontein Police Post, west of Molopo River, Bechuanaland.

PAROTOMYS LITTLEDALEI NAMIBENSIS Roberts

Parotomys (*Liotomys*) *littledalei namibensis* Roberts, Ann. Transvaal Mus., 15: 268, 1 Aug. 1933. Swakopmund, Southwest Africa.

Subfamily DENDROMURINÆ. Tree Mice

BEAMYS Thomas

Beamys Thomas, Ann. Mag. Nat. Hist. (8) 4: 107, Aug. 1909. Genotype *Beamys hindei* Thomas.

BEAMYS HINDEI Thomas

Beamys hindei Thomas, Ann. Mag. Nat. Hist. (8) 4: 108, Aug. 1909. Taveta, coast region, Kenya Colony, 2000 ft.

Beamys major Dollman

Beamys major Dollman, Ann. Mag. Nat. Hist. (8) 14: 428, Nov. 1914. Mlanje, Nyasaland.

Dendromus A. Smith. Tree Mice

Dendromus A. Smith, Zool. Journ., 4: 438, May 1829. Genotype *Dendromus typus* A. Smith = *Mus mesomelas* Brants.

Dendromys Smuts, Enumeratio Mamm. Capens., p. 39, 1832; substitute for *Dendromus*.

For key to *pumilio* and *mesomelas* groups, see Wroughton, R. C., Ann. Mag. Nat. Hist. (8) 3: 248, 249, Mar. 1909.

Subgenus Dendromus A. Smith

Dendromys Thomas, Ann. Mag. Nat. Hist. (8) 18: 237, Aug. 1916. As a subgenus; type *Dendromus mesomelas* Brants. List of species given.

Dendromus ansorgei Thomas and Wroughton

Dendromus ansorgei Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 173, Aug. 1905. Caconda, Benguella, Angola.

Dendromus insignis insignis Thomas

Dendromys insignis Thomas, Ann. Mag. Nat. Hist. (7) 12: 341, Sep. 1903. Nandi, Kenya Colony.

Dendromus insignis abyssinicus Osgood

Dendromus insignis abyssinicus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 235, 28 Dec. 1936. East slope of Mt. Albasso, Chilalo Mts., Arussi, Ethiopia.

Dendromus insignis kivu Thomas

Dendromus insignis kivu Thomas, Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916. Buhamba, Kivu region, Congo Belge.

Dendromus insignis percivali Heller

Dendromus mesomelas percivali Heller, Smithsonian Misc. Coll., 59: no. 16, p. 5, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony.

A synonym of *D. insignis* according to Thomas (Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916).

Dendromus jamesoni jamesoni Wroughton

Dendromus jamesoni Wroughton, Ann. Mag. Nat. Hist. (8) 3: 247, Mar. 1909. Zoutpansberg, Transvaal.

DENDROMUS JAMESONI PONGOLENSIS Roberts

Dendromus jamesoni pongolensis Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Pongola River, 15 miles west of Manaba, northern Zululand, Natal.

DENDROMUS LEUCOSTOMUS Monard

Dendromus leucostomus Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 55, text-f. 7, 8 (p. 65), 1932. Caluquembé, Angola.

DENDROMUS LUNARIS Osgood

Dendromus lunaris Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 235, 28 Dec. 1936. Kalongi, Butagu valley, west slope of Mt. Ruwenzori, central Africa.

DENDROMUS MESOMELAS MESOMELAS (Brants)

Mus mesomelas Brants, Het Geslacht der Muizen, p. 123, 1827. Cape of Good Hope, near Zondags River.

Dendromus typus A. Smith, Zool. Journ., 4: 439, May 1829. South Africa.

Dendromys typicus A. Smith, South African Quart. Journ., 2: 158, 1834 (emendation).

Dendromus ayresi Roberts, Ann. Transvaal Mus., 4: 83, 20 Oct. 1913. Port St. John's, Cape of Good Hope. Synonym of *D. mesomelas* fide O. Thomas.

DENDROMUS MESOMELAS MAJOR St. Leger

Dendromus mesomelas major St. Leger, Ann. Mag. Nat. Hist. (10) 6: 622, Nov. 1930. Ssanukanu Village, Grootfontein district, Southwest Africa.

DENDROMUS MESOMELAS VERNAYI Hill and Carter

Dendromus mesomelas vernayi Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

DENDROMUS MESSORIUS Thomas

Dendromys messorius Thomas, Ann. Mag. Nat. Hist. (7) 12: 340, Sep. 1903. Efulen, Cameroons.

Range: Cameroons to northeastern Congo Belge.

DENDROMUS NYASÆ Thomas

Dendromus nyasæ Thomas, Ann. Mag. Nat. Hist. (8) 18: 241, Aug. 1916. Nyika Plateau, northern Nyasaland.

DENDROMUS OREAS Osgood

Dendromus oreas Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 236, 28 Dec. 1936. Southwest side of Mt. Cameroon, Cameroon mandate, British Nigeria.

Subgenus Poëmys Thomas

Poëmys Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. As a subgenus of *Dendromus;* type *Dendromus melanotis* A. Smith.

Regarded as a genus by G. C. Shortridge (Mamm. South West Africa, 1: 250, footnote, 1934).

Dendromus acræus Wroughton

Dendromus acræus Wroughton, Ann. Mag. Nat. Hist. (8) 4: 541, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

Dendromus angolensis Roberts

Dendromus (*Poëmys*) *angolensis* Roberts, Ann. Transvaal Mus., 13: 115, 6 July 1929. Mombola, Angola.

Dendromus arenarius Roberts

Dendromus (*Poëmys*) *arenarius* Roberts, Ann. Transvaal Mus., 10: 71, 31 Jan. 1924. South Africa, no locality given.

Dendromus concinnus Thomas

Dendromus (*Poëmys*) *concinnus* Thomas, Proc. Zool. Soc. London, p. 299, 29 Apl. 1926. Otjumbumbi, Cunene River, Southwest Africa.

Dendromus exoneratus Thomas

Dendromus (*Poëmys*) *exoneratus* Thomas, Ann. Mag. Nat. Hist. (9) 2: 59, July 1918. Panyam, Bauchi Province, northern Nigeria.

Dendromus haymani Hatt

Dendromus haymani Hatt, Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934. Mbogo, Congo Belge, 1° N., 30° E.

Dendromus lineatus Heller

Dendromus lineatus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 4, 28 Feb. 1911. Rhino Camp, Lado Enclave.

Dendromus longicaudatus Roberts

Dendromus longicaudatus Roberts, Ann. Transvaal Mus., 4: 83, 20 Oct. 1913. Tzaneen Estate, Transvaal. Synonym of *D. melanotis* fide Thomas.

Dendromus melanotis melanotis A. Smith.

Dendromys melanotis A. Smith, South African Quart. Journ., 2: 158, 1834. Port Natal, Natal.

Dendromys subtilis Sundevall, Öfvers. Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 5, pl. 120, 1846. No locality beyond South Africa.

DENDROMUS MELANOTIS BASUTICUS Roberts
Dendromus melanotis basuticus Roberts, Records Albany Mus., 3: 484, 31 July 1927. Thaba Putsua Mt., Basutoland, Cape of Good Hope.

DENDROMUS MELANOTIS CAPENSIS Roberts
Dendromus melanotis capensis Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Wolseley, Cape of Good Hope.

DENDROMUS MELANOTIS CHIVERSI Roberts
Dendromus (Poëmys) melanotis chiversi Roberts, Ann. Transvaal Mus., 13: 116, 6 July 1929. Vlakfontein, Parys district, Orange Free State.

DENDROMUS MELANOTIS PRETORIÆ Roberts
Dendromus melanotis pretoriæ Roberts, Ann. Transvaal Mus., 14: 232, 28 July 1931. Rietondale, Pretoria, Transvaal.

DENDROMUS MELANOTIS THORNTONI Roberts
Dendromus melanotis thorntoni Roberts, Ann. Transvaal Mus., 14: 231, 28 July 1931. Port Elizabeth, Cape of Good Hope.

DENDROMUS MYSTACALIS Heuglin
Dendromys mystacalis Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: art. 2, suppl., p. 5, 1863. Bäschlo region, Abyssinia.

DENDROMUS NAIROBÆ Osgood
Dendromus nairobæ Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 7, 16 Feb. 1910. Nairobi, Kenya Colony.

DENDROMUS NIGRIFRONS NIGRIFRONS True
Dendromys nigrifrons True, Proc. U. S. Nat. Mus., 15: 462, text-f. 2, 26 Oct. 1892. Mt. Kilimanjaro, Tanganyika Territory.

DENDROMUS NIGRIFRONS SHORTRIDGEI St. Leger
Dendromus (Poëmys) nigrifrons shortridgei St. Leger, Ann. Mag. Nat. Hist. (10) 6: 622, Nov. 1930. Ssanukanu Village, Grootfontein district, Southwest Africa.

DENDROMUS NIGRIFRONS SPECTABILIS Heller
Dendromus spectabilis Heller, Smithsonian Misc. Coll., 56: no. 17, p. 3, 28 Feb. 1911. Rhino Camp, Lado Enclave.

DENDROMUS NIGRIFRONS VULTURNUS Thomas
Dendromus (Poëmys) nigrifrons vulturnus Thomas, Ann. Mag. Nat. Hist. (8) 18: 242, Aug. 1916. Chirinda Forest, Melsetter, Rhodesia.

DENDROMUS NYIKÆ Wroughton
Dendromus nyikæ Wroughton, Ann. Mag. Nat. Hist. (8) 3: 248, Mar. 1909. Nyika Plateau, northern Nyasaland.

DENDROMUS OCHROPUS Osgood
Dendromus ochropus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 6, 16 Feb. 1910. Lake Elmenteita, Kenya Colony.

DENDROMUS PALLIDUS Heuglin
Dendromys pallidus Heuglin, Reise in Nordost-Afrika, 2: 74, 1877. Middle Tigré River, Abyssinia (in weaver-bird nests).

DENDROMUS PECILEI Milne-Edwards
Dendromys pecilei Milne-Edwards, Revue Scientifique, 38 = (3) 12: 16, 3 July 1886. Pousargues, Ann. des Sci. Nat., zool. (8) 3: 385–391, 1896. Lower Congo to Ogowe River.

DENDROMUS PUMILIO PUMILIO (Wagner)
Dendromys pumilio Wagner, Gelehrte Anzeigen, München, 12: no. 54, col. 437, 17 Mar. 1841. Cape of Good Hope.

DENDROMUS RUDDI Wroughton
Dendromus ruddi Wroughton, Ann. Mag. Nat. Hist. (8) 5: 275, Mar. 1910. Malikisi, Mt. Elgon, Kenya Colony, 5000 ft.

DENDROMUS WHYTEI WHYTEI Wroughton
Dendromus whytei Wroughton, Ann. Mag. Nat. Hist. (8) 3: 247, Mar. 1909. Fort Hill, Nyasaland.

DENDROMUS WHYTEI CAPITIS Heller
Dendromus whytei capitis Heller, Smithsonian Misc. Coll., 59: no. 16, p. 6, 5 July 1912. Mt. Lololokui, Mathews Range, Kenya Colony, 6000 ft.

DENDROMUS WHYTEI PALLESCENS Osgood
Dendromus whytei pallescens Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 7, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

Subgenus CHORTOMYS Thomas

Chortomys Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. Subgenus of *Dendromus*, type *Dendromus lovati* De Winton.

DENDROMUS LOVATI De Winton
Dendromys lovati De Winton, Proc. Zool. Soc. London, p. 82, pl. 10, 1 June 1900. Managasha, southern Abyssinia, 7000 ft.

Deomys Thomas

Deomys Thomas, Proc. Zool. Soc. London, p. 130, pl. 5, 1 June 1888. Genotype *Deomys ferrugineus* Thomas.

Deomys ferrugineus ferrugineus Thomas

Deomys ferrugineus Thomas, Proc. Zool. Soc. London, p. 130, pl. 5, 1 June 1888. Lower Congo.

Deomys ferrugineus christyi Thomas

Deomys christyi Thomas, Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915. Poko, Uele River, Congo Belge.

Leimacomys Matschie

Leimacomys Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 107, 1893. Genotype *Leimacomys büttneri* Matschie.

Limacomys Lydekker, Zool. Record, 30: Mamm., p. 31, 1894 (emendation).

Leimacomys büttneri Matschie

Leimacomys büttneri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109, 1893. Bismarckburg, Togo, Dahomey.

Malacothrix Wagner

Malacothrix Wagner, Schreber's Säugthiere, Suppl., 3: 496, 1843. Genotype *Otomys typicus* A. Smith. (See W. L. Sclater, Mammals South Africa, 2: 34, 1901).

Malacothrix pentonyx W. L. Sclater

Malacothrix pentonyx W. L. Sclater, Ann. South African Mus., 1: 202, Mar. 1899. Cape Flats near Cape Town, Cape of Good Hope.

Malacothrix typicus typicus (A. Smith)

Otomys typicus A. Smith, South African Quart. Journ., 2: 148, 1834. District east of Graaff-Remet, South Africa.

Malacothrix typicus damarensis Roberts

Malacothrix typicus damarensis Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Gobabis, Southwest Africa.

Malacothrix typicus egeria Thomas

Malacothrix egeria Thomas, Proc. Zool. Soc. London, p. 301, 29 Apl. 1926. Ondongwa, central Ovamboland, Southwest Africa.

Regarded as a subspecies of *typicus* by Roberts.

MALACOTHRIX TYPICUS FRYI Roberts
Malacothrix typicus fryi Roberts, Ann. Transvaal Mus., 5: 268, 16 May 1917. Klipriviersoog, Krugersdorp district, Transvaal.

MALACOTHRIX TYPICUS KALAHARICUS Roberts
Malacothrix typicus kalaharicus Roberts, Ann. Transvaal Mus., 15: 10, 1 Oct. 1932. Kuke Pan, central Kalahari, Bechuanaland.

MALACOTHRIX TYPICUS MOLOPENSIS Roberts
Malacothrix typicus molopensis Roberts, Ann. Transvaal Mus., 15: 266, 1 Aug. 1933. Eight miles west of Pitsani, Molopo River, Bechuanaland.

PETROMYSCUS Thomas. Rock Mice

Petromyscus Thomas, Ann. Mag. Nat. Hist. (9) 17: 179, Jan. 1926. Genotype *Praomys collinus* Thomas and Hinton; affinities with Dendromyinæ (ibid., p. 175).

PETROMYSCUS COLLINUS COLLINUS (Thomas and Hinton)
Praomys collinus Thomas and Hinton, Proc. Zool. Soc. London, p. 237, 3 Apl. 1925. Karibib, Southwest Africa.

PETROMYSCUS COLLINUS BRUCHUS (Thomas and Hinton)
Praomys collinus bruchus Thomas and Hinton, p. 238, 3 Apl. 1925. Great Brukaros Mt., Southwest Africa.

PETROMYSCUS MONTICULARIS (Thomas and Hinton)
Praomys monticularis Thomas and Hinton, Proc. Zool. Soc. London, p. 238, 3 Apl. 1925. Great Brukaros Mt., near Berseba, Southwest Africa.

PETROMYSCUS SHORTRIDGEI Thomas
Petromyscus shortridgei Thomas, Proc. Zool. Soc. London, p. 302, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa.

PRIONOMYS Dollman

Prionomys Dollman, Ann. Mag. Nat. Hist. (8) 6: 226, Aug. 1910. Genotype *Prionomys batesi* Dollman.

PRIONOMYS BATESI Dollman
Prionomys batesi Dollman, Ann. Mag. Nat. Hist. (8) 6: 228, Aug. 1910. Bitye, Ja River, Cameroons, 2000 ft.

Saccostomus Peters

Saccostomus Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, 1846. Genotype *Saccostomus campestris* Peters.

Eosaccomys Palmer, Science, new ser., 17: 873, 29 May 1903, to replace *Saccostomus* Peters, supposed to be preoccupied by *Saccostoma* Fitzinger, 1843, in reptiles.

Saccostomus anderssoni anderssoni De Winton

Saccostomus anderssoni De Winton, Ann. Mag. Nat. Hist. (7) 2: 6, footnote, July 1898. Damaraland.

Saccostomus anderssoni hildæ Schwann

Saccostomus hildæ Schwann, Proc. Zool. Soc. London, p. 110, 7 June 1906: Kuruman, southern Bechuanaland.

Saccostomus anderssoni pagei Thomas and Hinton

Saccostomus pagei Thomas and Hinton, Proc. Zool. Soc. London, p. 495, 3 Sep. 1923. Lehutitung, northern Bechuanaland.

Saccostomus campestris Peters

Saccostomus campestris Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 258, Aug. 1846. Tette, Mozambique.

Saccostomus lapidarius Peters, Reise nach Mossambique, Säugeth., p. 167, pl. 34, f. 3; pl. 35, f. 12, 1852. Sena, Tette, Macanga and Boror, Mozambique.

Saccostomus cricetulus G. M. Allen and Lawrence

Saccostomus cricetulus G. M. Allen and Lawrence, Bull. Mus. Comp. Zool., 79: 100, 30 Jan. 1936. South bank of Greeki River, Sabei district, north of Mt. Elgon, Uganda.

Saccostomus elegans Thomas

Saccostomus elegans Thomas, Proc. Zool. Soc. London, p. 431, 1 Oct. 1897. Karonga, Lake Nyasa, northern Nyasaland.

Saccostomus fuscus Peters

Saccostomus fuscus Peters, Reise nach Mossambique, Säugeth., p. 168, pl. 36, f. 4; pl. 35, f. 13, 1852. Inhambane, Mozambique.

Saccostomus isiolæ Heller

Saccostomus isiolæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 14, 5 July 1912. Isiola River, Northern Guaso Nyiro, Kenya Colony.

Saccostomus limpopoensis Roberts
Saccostomus limpopoensis Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914. Sand River, northeastern Transvaal.

Saccostomus mashonæ De Winton
Saccostomus mashonæ De Winton, Proc. Zool. Soc. London, for 1896, p. 804, Apl. 1897. Mazoe, Mashonaland, Rhodesia.

Saccostomus mearnsi Heller
Saccostomus mearnsi Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 3, pl. 2, f. b, 28 Feb. 1910. Changamwe, Kenya Colony.

Saccostomus streeteri Roberts
Saccostomus streeteri Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914. Hector Spruit, Transvaal.

Saccostomus umbriventer Miller
Saccostomus umbriventer Miller, Smithsonian Misc. Coll., 54: no. 1925, p. 1, pl. 1, f. a, 28 Feb. 1910. Njori Osolali, Sotik, Kenya Colony.

Steatomys Peters. Fat Mice

Steatomys Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, Aug. 1846. Genotype *Steatomys pratensis* Peters.

Steatomys angolensis angolensis Hill and Carter
Steatomys angolensis Hill and Carter, Amer. Mus. Novitates, no. 913, p. 5, 8 Mar. 1937. Chitau, Angola, 4930 ft.

Steatomys angolensis bradleyi Hill and Carter
Steatomys angolensis bradleyi Hill and Carter, Amer. Mus. Novitates, no. 913, p. 5, 8 Mar. 1937. Humpata, Angola, 6300 ft.

Steatomys aquilo Thomas and Hinton
Steatomys aquilo Thomas and Hinton, Proc. Zool. Soc. London, p. 264, 6 July 1923. Niurmeya, Jebel Marra, Darfur, Anglo-Egyptian Sudan.

Steatomys athi Heller
Steatomys athi Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 3, pl. 2, f.c, 28 Feb. 1910. Lukenia Hills, Athi Plains, Kenya Colony.

Steatomys bocagei Thomas
Steatomys bocagei Thomas, Ann. Mag. Nat. Hist. (6) 10: 264, Sep. 1892. Caconda, Angola.

STEATOMYS CAURINUS Thomas
Steatomys caurinus Thomas, Ann. Mag. Nat. Hist. (8) 9: 271, Feb. 1912. Panyam Plateau, northern Nigeria.

STEATOMYS CHIVERSI CHIVERSI Roberts
Steatomys chiversi Roberts, Ann. Transvaal Mus., 14: 233, 28 July 1931. Blood River, Natal.

STEATOMYS CHIVERSI TONGENSIS Roberts
Steatomys chiversi tongensis Roberts, Ann. Transvaal Mus., 14: 233, 28 July 1931. Manaba, northern Zululand, Natal.

STEATOMYS CUPPEDIUS Thomas and Hinton
Steatomys cuppedius Thomas and Hinton, Novitates Zool., 27: 318, 15 June 1920. Farniso near Kano, northern Nigeria.

STEATOMYS GAZELLÆ Thomas and Hinton
Steatomys gazellæ Thomas and Hinton, Proc. Zool. Soc. London, p. 265, 6 July 1923. Tamburas, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

STEATOMYS JACKSONI Hayman
Steatomys jacksoni Hayman, Proc. Zool. Soc. London, for 1935, p. 930, 10 Jan. 1936. Wenchi, Ashanti, Gold Coast.

STEATOMYS KREBSII KREBSII Peters
Steatomys krebsii Peters, Reise nach Mossambique, Säugeth., p. 165, pl: 36, f. 3, 1852. Interior of Caffraria, South Africa.

STEATOMYS KREBSII KALAHARICUS Roberts
Steatomys krebsi kalaharicus Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct. 1932. Central Kalahari, 25 miles west of Damara Pan, Bechuanaland.

STEATOMYS KREBSII ORANGIÆ Roberts
Steatomys krebsi orangiæ Roberts, Ann. Transvaal Mus., 13: 116, 6 July 1929. "Angra Pequina," Bothaville district, Orange Free State.

STEATOMYS KREBSII TRANSVAALENSIS Roberts
Steatomys krebsi transvaalensis Roberts, Ann. Transvaal Mus., 13: 117, 6 July 1929. Witfontein, Randfontein, Transvaal.

STEATOMYS LOVERIDGEI Thomas
Steatomys loveridgei Thomas, Ann. Mag. Nat. Hist. (9) 4: 33, July 1919. Lumbo, Mozambique.

STEATOMYS MINUTUS MINUTUS Thomas and Wroughton

Steatomys minutus Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 174, Aug. 1905. Fort Quillenges, Benguella, Angola.

STEATOMYS MINUTUS LEUCORHYNCHUS Hill and Carter

Steatomys minutus leucorhynchus Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Capelongo, Huilla district, Angola.

STEATOMYS MUANZÆ Kershaw

Steatomys muanzæ Kershaw, Ann. Mag. Nat. Hist. (9) 12: 535, Oct. 1923. Nyambita, Mwanza, Tanganyika Territory.

STEATOMYS NATALENSIS Roberts

Steatomys natalensis Roberts, Ann. Transvaal Mus., 13: 117, 6 July 1929. Bergville, Natal.

STEATOMYS OPIMUS Pousargues

Steatomys opimus Pousargues, Bull. Soc. Zool. de France, 19: 131, Oct. 1894. Near Balao, Dakoas district, 5° 26′ N., 17° 40′ E., Congo.

STEATOMYS PARVUS Rhoads

Steatomys parvus Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 529, 8 Dec. 1896. Rusia, Lake Rudolf, Abyssinia.

STEATOMYS PRATENSIS PRATENSIS Peters

Steatomys pratensis Peters, Ber. über Verh. K. Preuss. Akad. Wiss., Berlin, p. 258, Aug. 1846; Reise nach Mossambique, Säugeth., p. 162, pl. 34, f. 2; pl. 35, f. 11; pl. 36, f. 3, 1852. Tette, Mozambique.

Steatomys edulis Peters, Reise nach Mossambique, Säugeth., p. 163, pl. 34, f. 2; pl. 35, f. 11, 1852 (substitute for *S. pratensis* Peters). Sena, Tette, Macanga, Mozambique.

STEATOMYS PRATENSIS KASAICUS Hatt

Steatomys pratensis kasaicus Hatt, Amer. Mus. Novitates, no. 708, p. 15, 4 Apl. 1934. Luluabourg, Kasai district, Congo Belge.

STEATOMYS PRATENSIS MAUNENSIS Roberts

Steatomys pratensis maunensis Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct. 1932. Shorobe, Maun district, Ngamiland, Bechuanaland.

STEATOMYS SWALIUS Thomas

Steatomys swalius Thomas, Proc. Zool. Soc. London, p. 300, 29 Apl. 1926. Ondongwa, Ovamboland, Southwest Africa.

Steatomys swalius umbratus Thomas, Proc. Zool. Soc. London, p. 301, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa.

Synonym of *S. swalius* fide Shortridge, G. C., Mamm. South West Africa, 1: 259, footnote, 1934.

Family RHIZOMYIDÆ. Mole-rats

Subfamily TACHYORYCTINÆ

Tachyoryctes Rüppell. African Mole-rats

Tachyoryctes Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, Säugeth., p. 35, footnote, 1835. Genotype *Bathyergus splendens* Rüppell.

Chrysomys Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 150, 13 May 1843. Genotype *Bathyergus splendens* Rüppell.

"When collections have been made over all parts of British East Africa and Abyssinia numerous forms will doubtless be connected by complete chains of intergrades and the final monographer of the genus will be obliged to reduce many of the named forms to the rank of subspecies" (Hollister, N., Bull. U.S. Nat. Mus., no. 99, pt. 2, p. 40, 1919).

Tachyoryctes ankoliæ Thomas

Tachyoryctes ankoliæ Thomas, Ann. Mag. Nat. Hist. (8) 4: 545, Dec. 1909. Burumba, Ankole, southern Uganda.

Tachyoryctes annectens (Thomas)

Rhizomys annectens Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. "Either Massai-land or inland," Kenya Colony.

Tachyoryctes audax Thomas

Tachyoryctes audax Thomas, Ann. Mag. Nat. Hist. (8) 5: 421, May 1910. Top of Aberdare Range, Kenya Colony, 10,000 ft.

(See footnote for corrected condylobasal lengths of various forms.)

Tachyoryctes cheesmani cheesmani Thomas

Tachyoryctes cheesmani Thomas, Ann. Mag. Nat. Hist. (10) 1: 302, Feb. 1928. Dangila, Abyssinia.

Tachyoryctes cheesmani gallarum Osgood

Tachyoryctes cheesemani gallarum Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 233, 28 Dec. 1936. Mt. Albasso, northeastern Chilalo Mts., Arussi, Ethiopia.

Tachyoryctes dæmon Thomas

Tachyoryctes dæmon Thomas, Ann. Mag. Nat. Hist. (8) 4: 545, Dec. 1909. Mt. Kilimanjaro, Tanganyika Territory, 5000 ft.

Tachyoryctes macrocephalus macrocephalus (Rüppell)

Rhizomys macrocephalus Rüppell, Mus. Senckenbergianum, 3: 97, 115, pl. 8, f. 2; pl. 10, f. 2, 1842. Shoa, Abyssinia.

Tachyoryctes macrocephalus hecki Neumann and Rümmler

Tachyoryctes macrocephalus hecki Neumann and Rümmler, Zeitschr. f. Säugetierk., 3: 302, text-f. 7–8, 11 June 1928. Abakkara, about 150 km. west of Lake Abassi, between Djamdjam and Arussi Galla, Abyssinia.

Tachyoryctes naivashæ Thomas

Tachyoryctes naivashæ Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Lake Naivasha, Kenya Colony.

Tachyoryctes pontifex Neumann and Rümmler

Tachyoryctes pontifex Neumann and Rümmler, Zeitschr. f. Säugethierk., 3: 300, text-f. 5–6, 11 June 1928. Buka, Kaffa, Abyssinia.

Tachyoryctes rex Heller

Tachyoryctes rex Heller, Smithsonian Misc. Coll., 56: no. 9, p. 4, pl. 3, 4 figs., 22 July 1910. Western slope of Mt. Kenya, Kenya Colony, 10,000 ft.

Tachyoryctes ruandæ Lönnberg and Gyldenstolpe

Tachyoryctes ruandæ Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 6, 2 May 1925. Mt. Muhavura, British Ruanda.

Tachyoryctes ruddi ruddi Thomas

Tachyoryctes ruddi Thomas, Ann. Mag. Nat. Hist. (8) 4: 546, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

Tachyoryctes ruddi badius Thomas

Tachyoryctes ruddi badius Thomas, Ann. Mag. Nat. Hist. (8) 4: 546, Dec. 1909. Eldoma Ravine, Kenya Colony, 7200 ft.

Tachyoryctes spalacinus Thomas

Tachyoryctes spalacinus Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Embi = Embu, near Mt. Kenya, Kenya Colony, 5400 ft.

Tachyoryctes splendens splendens (Rüppell)

Bathyergus splendens Rüppell, Neue Wirbelth. zu d. Fauna Abyssinien gehörig, 1: Säugeth., p. 36, pl. 12, 1835. Gondar, Dembea Province, Abyssinia.

Tachyoryctes splendens canicaudus Osgood

Tachyoryctes splendens canicaudus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 232, 28 Dec. 1936. Sirre, Awash valley, northern Arussi, Ethiopia.

Tachyoryctes splendens ibeanus Thomas

Tachyoryctes splendens ibeanus Thomas, Proc. Zool. Soc. London, p. 179, text-f. (skull), 1 June 1900. Machakos, Kenya Colony.

TACHYORYCTES SPLENDENS OMOENSIS Neumann and Rümmler

Tachyoryctes splendens omoensis Neumann and Rümmler, Zeitschr. f. Säugetierk., 3: 297, text- f. 3–4, 11 June 1928. Bolagoschana, Doko, Abyssinia.

TACHYORYCTES SPLENDENS SOMALICUS Osgood

Tachyoryctes splendens somalicus Osgood, Ann. Mag. Nat. Hist. (8) 5: 276, Mar. 1910. Ujawaj, about 100 miles southwest of Berbera, British Somaliland.

TACHYORYCTES STOREYI Thomas

Tachyoryctes storeyi Thomas, Ann. Mag. Nat. Hist. (8) 4: 547, Dec. 1909. Lake Elmenteita, Kenya Colony.

Family SPALACIDÆ. Blind Mole-rats

Subfamily SPALACINÆ

SPALAX Güldenstädt. Blind Mole-rats

Spalax Güldenstädt, Novi Comment. Acad. Sci. Petropolitanæ, 14: pt. 1, p. 409, pls. 8, 9, 1770. Genotype *Spalax microphthalmus* Güldenstädt = *Mus typhlus* Pallas.

Ommatostergus Nordmann, in Keyserling and Blasius's Wirbelth. Europas, pp. vii, 31, 1840. Genotype *Ommatostergus pallasii* Nordmann.

Microspalax Méhely, Species Generis *Spalax*, p. 22, 1909.
No genotype specified, but included four forms, one of which is *S. ægyptiacus*. Preoccupied by *Microspalax* Megnin and Trouessart, 1884, in Arachnida.

Ujhelyiana Strand, Arch. f. Naturgesch., 88: sect. A, pt. 4, p. 142, June 1922. To replace *Microspalax* Megnin and Trouessart; ? misprint for *Mehelyiana*.

SPALAX ÆGYPTIACUS Nehring. Egyptian Blind-rat

Spalax ægyptiacus Nehring, Sitzb. Ges. Naturf. Freunde, Berlin, p. 180, 1897. Ramleh, near Alexandria, Lower Egypt.

Range: Northwestern Lower Egypt and Cyrenaica in Libya.

Family MURIDÆ. Typical Rats

Subfamily MURINÆ

For a key to the subgenera of African rats then included in *Rattus*, see Thomas, O., Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915.

See Thomas, O. The generic position of certain African Muridæ, hitherto referred to *Aethomys* and *Praomys*. Ann. Mag. Nat. Hist. (9) 17: 174–179, Jan. 1926.

Acomys I. Geoffroy. Spiny Mice

Acomys I. Geoffroy, Ann. des Sci. Nat., Zool., (2) 10: 126, Aug. 1838. Genotype *Mus cahirinus* Desmarest.

Acanthomys Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 135, 1842. Genotype not specified; included five species, one of them an *Acomys*, of which it is a part synonym.

See Dollman, Guy. On the Spiny Mice of British East Africa, with a description of a new species from Magadi. Ann. Mag. Nat. Hist. (8) 14: 485–489, Dec. 1914 (key).

Acomys airensis Thomas and Hinton

Acomys airensis Thomas and Hinton, Novitates Zool., 28: 8, 14 May 1921: Mt. Baguezan, Asben, northern Nigeria.

Acomys albigena Heuglin

Acomys albigena Heuglin, Reise in Nordost-Afrika, 2: 69, 1877. Bogos country, Abyssinia.

Acomys bovonei de Beaux

Acomys bovonei de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 280, pl. 8, f. A.b; pl. 9, f. A.b, Dec. 1934. El Bur, southern Italian Somaliland.

Acomys brockmani Dollman

Acomys brockmani Dollman, Ann. Mag. Nat. Hist. (8) 8: 259, Aug. 1911. Bulhar, British Somaliland.

Acomys cahirinus (Desmarest). Cairo Spiny Mouse

Mus cahirinus Desmarest, Nouv. Dictionnaire d'Hist. Nat., 29: 70, 1819. Cairo, Egypt.

Acomys sabryi Kershaw, Ann. Mag. Nat. Hist. (9) 10: 99, 107, July 1922. Helwan, 10 miles south of Cairo, Egypt. Probably a synonym of *A. cahirinus* (see Flower, S. S., Proc. Zool. Soc. London, p. 414, 8 July 1932).

Acomys chudeaui Kollman

Acomys chudeaui Kollman, Bull. Mus. d'Hist. Nat., Paris, 17: 402, 1911. Atar, southwest of Biskra, Mauretania.

Acomys cineraceus Fitzinger and Heuglin

Acomys cineraceus Fitzinger and Heuglin, Sitzb. K. Akad. Wiss. Wien, 54: sect. 1, p. 573, 1866. Doka, eastern Sennaar, between the Atbara and Rahad Rivers, Anglo-Egyptian Sudan.

Acomys cinerascens Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Eastern Sennaar and about Kalabat, Anglo-Egyptian Sudan.

Acomys witherbyi De Winton, Novitates Zool., 8: 400, 31 Dec. 1901. El Kowa, south of Khartoum, Anglo-Egyptian Sudan.

ACOMYS DIMIDIATUS (Cretzschmar)

Mus dimidiatus Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördliche Afrika, p. 37, pl. 13, f.a, 1826. Sinai region and Nubia.

Mus megalotis Lichtenstein, Darstellung. neuer oder wenig bekannt. Säugeth., pl. 37, f.2, and text (unnumbered pp.), 1829. Arabia.

ACOMYS HAWASHENSIS Frick

Acomys hawashensis Frick, Ann. Carnegie Mus., 9: 26, 6 June 1914. Sadi Malka, Abyssinia, 3500 ft.

ACOMYS HUNTERI De Winton

Acomys hunteri De Winton, Novitates Zool., 8: 401, footnote, 31 Dec. 1900. Plain of Tokar, Suakin, Anglo-Egyptian Sudan.

ACOMYS HYSTRELLA Heller

Acomys hystrella Heller, Smithsonian Misc. Coll., 56: no. 17, p. 13, 28 Feb. 1911. Nimule, Uganda.

ACOMYS IGNITUS IGNITUS Dollman

Acomys ignitus Dollman, Ann. Mag. Nat. Hist. (8) 6: 229, Aug. 1910. Voi, Kenya Colony.

ACOMYS IGNITUS KEMPI Dollman

Acomys kempi Dollman, Ann. Mag. Nat. Hist. (8) 8: 125, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

Acomys pulchellus Dollman, Ann. Mag. Nat. Hist. (8) 8: 127, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony. Based on immature example (see Hollister, N., Bull. U.S. Nat. Mus., no. 99, pt. 2, p. 117, 1919).

ACOMYS IGNITUS MONTANUS Heller

Acomys ignitis (sic) *montanus* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 12, 24 June 1914. North slope of Mt. Marsabit, Kenya Colony, 4600 ft.

ACOMYS INTERMEDIUS Wettstein

Acomys intermedius Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 161, 1916. Dilling, southern Kordofan, Anglo-Egyptian Sudan.

Acomys johannis Thomas

Acomys johannis Thomas, Ann. Mag. Nat. Hist. (8) 9: 272, Feb. 1912. Kabwir, northern Nigeria.

Acomys louisæ louisæ Thomas

Acomys louisæ Thomas, Ann. Mag. Nat. Hist. (6) 18: 269, Sep. 1896. Henwaina plain, 40 miles south of Berbera, Somaliland.

Acomys louisæ umbratus Thomas

Acomys louisæ umbratus Thomas, Ann. Mag. Nat. Hist. (9) 12: 174, July 1923. Wagar Mountain, Golis Mts., northern Somaliland.

Acomys mullah Thomas

Acomys mullah Thomas, Ann. Mag. Nat. Hist. (7) 14: 103, Aug. 1904. Harar, British Somaliland.

Acomys nubicus Heuglin

Acomys nubicus Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. De Winton, Novitates Zool., 8: 401, 31 Dec. 1901. Nubia, along the Nile.

Acomys percivali Dollman

Acomys percivali Dollman, Ann. Mag. Nat. Hist. (8) 8: 126, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

Acomys russatus ægyptiacus Bonhote

Acomys russatus ægyptiacus Bonhote, Abstr. Proc. Zool. Soc. London, no. 103, p. 3, 13 Feb. 1912; Proc. Zool. Soc. London, p. 230, 13 Mar. 1912. Wadi Hof, near Helwan, Egypt.

Mus affinis Gray, List Spec. Mamm. Brit. Mus., p. 108, 13 May 1843 (nomen nudum). Egypt.

As to the history of the specimen on which this name is based, see Flower, S. S., Proc. Zool. Soc. London, p. 412, 8 July 1932.

Acomys selousi De Winton

Acomys selousi De Winton, Proc. Zool. Soc. London, for 1896, p. 807, pl. 40, f. 2, Apl. 1897. Essex Farm, Matabeleland, near Bulawayo, Southern Rhodesia.

Acomys seurati Heim de Balsac

Acomys seurati Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 356, f. 6, no. 4 (foot); 389, f. 15, no. 15 (skull), 1936; Bull. Soc. Zool. de France, 62: no. 5, 332, 14 Aug. 1937 (formal description). Iniker, A'haggar, southern Algeria.

ACOMYS SPINOSISSIMUS Peters

Acomys spinosissimus Peters, Reise nach Mossambique, Säugeth., p. 160, pl. 34, f. 1; pl. 35, f. 10, 1852. Tette and Buio, Mozambique.

ACOMYS SUBSPINOSUS (Waterhouse)

Mus subspinosus Waterhouse, Proc. Zool. Soc. London, for 1837, p. 104, 25 May 1838. Cape of Good Hope.

ACOMYS TRANSVAALENSIS Roberts

Acomys transvaalensis Roberts, Ann. Transvaal Mus., 11: 252, 14 Sep. 1926. Newgate, Zoutpansberg, Transvaal.

ACOMYS VIATOR Thomas

Acomys viator Thomas, Proc. Zool. Soc. London, 2: 10, Oct. 1902. Wadi Sultan, near Sokna, Tripoli.

ACOMYS WILSONI WILSONI Thomas

Acomys wilsoni Thomas, Ann. Mag. Nat. Hist. (6) 10: 22, July 1892. Mombasa, Kenya Colony.

ACOMYS WILSONI ABLUTUS Dollman

Acomys ablutus Dollman, Ann. Mag. Nat. Hist. (8) 8: 127, July 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

ACOMYS WILSONI ARGILLACEUS Hinton and Kershaw

Acomys wilsoni argillaceus Hinton and Kershaw, Ann. Mag. Nat. Hist. (9) 6: 101, July 1920. Mongalla, Bahr-el-Djebel, Anglo-Egyptian Sudan.

ACOMYS WILSONI ENID St. Leger

Acomys wilsoni enid St. Leger, Ann. Mag. Nat. Hist. (10) 9: 241, Mar. 1932. Koliokwell River, Lake Rudolf, Uganda.

ACOMYS WILSONI NUBILUS Dollman

Acomys nubilus Dollman, Ann. Mag. Nat. Hist. (8) 14: 486, Dec. 1914. Magadi, southern Masailand district, Kenya Colony.

ÆTHOMYS Thomas

Æthomys Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a subgenus of *Epimys* (=*Rattus*), type *Epimys hindei* Thomas. Raised to generic rank; list of included species given, see Thomas, O., Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

ÆTHOMYS AVARILLUS (Thomas and Wroughton)

Mus avarillus Thomas and Wroughton, Proc. Zool. Soc. London, p. 547, 30 Oct. 1908. Tette, Mozambique.

ÆTHOMYS BOCAGEI (Thomas)

Mus bocagei Thomas, Ann. Mag. Nat. Hist. (7) 13: 416, June 1904. Pungo Andongo, Angola.

Æthomys bocagei Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

ÆTHOMYS CHRYSOPHILUS CHRYSOPHILUS (De Winton)

Mus chrysophilus De Winton, Proc. Zool. Soc. London, for 1896, p. 801, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

ÆTHOMYS CHRYSOPHILUS ACTICOLA (Thomas and Wroughton)

Mus chrysophilus acticola Thomas and Wroughton, Proc. Zool. Soc. London, p. 547, 30 Oct. 1908. Beira, Mozambique.

Mus chrysophilus alticola Lydekker, Intern. Cat. Sci. Literature, 8 (1908): Mamm., p. 74, Jan. 1910. Accidental renaming of *M. c. acticola* Thomas and Wroughton.

ÆTHOMYS CHRYSOPHILUS ALBIVENTER (Jentink)

Mus albiventer Jentink, Zool. Jahrb., Syst., 28: 246, text-f. H, 15 Oct. 1909. Mossel Bay, Cape of Good Hope.

Mus albiventris Jentink, Zool. Jahrb., Syst., 28: 247, 15 Oct. 1909. Used inadvertently in place of *M. albiventer* Jentink.

M[*us*] *muscardinus* Wagner, Schreber's Säugthiere, Suppl., 3: 430, 1843. Kaffirland, = South Africa.

Possibly this name should supersede *chrysophilus*, but is at present undeterminable.

ÆTHOMYS CHRYSOPHILUS CAPRICORNIS Roberts

Æthomys chrysophilus capricornis Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Newgate, Zoutpansberg, Transvaal.

ÆTHOMYS CHRYSOPHILUS DOLLMANI Hatt

Æthomys chrysophilus dollmani Hatt, Amer. Mus. Novitates, no. 708, p. 8, 4 Apl. 1934. Upper Lufira River, Katanga, Congo Belge.

ÆTHOMYS CHRYSOPHILUS IMAGO Thomas

Æthomys chrysophilus imago Thomas, Proc. Zool. Soc. London, p. 387, 12 July 1927. Stampriet, Southwest Africa.

ÆTHOMYS CHRYSOPHILUS MAGALAKUINI Roberts

Æthomys chrysophilus magalakuini Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Wilhanshohe, Magalakuin, Transvaal.

ÆTHOMYS CHRYSOPHILUS INEPTUS (Thomas and Wroughton)
Mus chrysophilus ineptus Thomas and Wroughton, Proc. Zool. Soc. London, p. 546, 30 Oct. 1908. Tette, Mozambique.

ÆTHOMYS CHRYSOPHILUS PRETORIÆ (Roberts)
Mus chrysophilus pretoriæ Roberts, Ann. Transvaal Mus., 4: 85, 20 Oct. 1913. Fountains, Pretoria, Transvaal.

ÆTHOMYS CHRYSOPHILUS SINGIDÆ (Kershaw)
Rattus (*Æthomys*) *chrysophilus singidæ* Kershaw, Ann. Mag. Nat. Hist. (9) 12: 535, Oct. 1923. Gwao's, near Itigi, Singida, Tanganyika Territory, about 30° 40′ E., 4° 25′ S.

ÆTHOMYS CHRYSOPHILUS TONGENSIS Roberts
Æthomys chrysophilus tongensis Roberts, Ann. Transvaal Mus., 14: 235, 28 July 1931. Mangusi Forest, northern Zululand, Natal.
Æthomys chrysophilus tongensis Roberts, Ann. Transvaal Mus., 18: 235, 21 Feb. 1936. Otobotini, northern Zululand, Natal.
Not *Æthomys chrysophilus tongensis* Roberts, 1931?

ÆTHOMYS CHRYSOPHILUS TZANEENENSIS (Jameson)
Mus chrysophilus tzaneenensis Jameson, Ann. Mag. Nat. Hist. (8) 4: 460, Nov. 1909. Tzaneen, Zoutpansberg district, Transvaal.

ÆTHOMYS CHRYSOPHILUS VOI (Osgood)
Mus voi Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 11, 16 Feb. 1910. Voi, Kenya Colony.

ÆTHOMYS KAISERI KAISERI (Noack)
Epimys kaiseri Noack, Zool. Jahrb., Syst., 2: 228, pl. 9, f. 1–3, 7 May 1887. Marungu, (Qua Mpala), Tanganyika Territory.

ÆTHOMYS KAISERI ALGHAZAL (Wroughton)
Mus alghazal Wroughton, Ann. Mag. Nat. Hist. (7) 20: 501, Dec. 1907. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

ÆTHOMYS KAISERI HELLERI (Hollister)
Epimys kaiseri centralis Heller, Smithsonian Misc. Coll., 63: no. 7, p. 10, 24 June 1914. Rhino Camp, Lado Enclave. Doubtfully distinct (Thomas).
Rattus helleri Hollister, Proc. Biol. Soc. Washington, 31: 97, 29 June 1918 (new name to replace *Epimys kaiseri centralis* Heller, not *Mus auricomis centralis* Schwann, 1906).

ÆTHOMYS KAISERI HINDEI (Thomas)

Mus hindei Thomas, Ann. Mag. Nat. Hist. (7) 9: 219, Mar. 1902. Machakos, Kenya Colony.

ÆTHOMYS KAISERI MANTEUFELI (Matschie)

Mus (Epimys?) manteufeli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 341, Oct. 1911. Mwanza, Lake Victoria, Tanganyika Territory.

ÆTHOMYS KAISERI MEDICATUS (Wroughton)

Mus medicatus Wroughton, Ann. Mag. Nat. Hist. (8) 4: 540, Dec. 1909. Mumia's, Kenya Colony.

ÆTHOMYS KAISERI NORÆ (Wroughton)

Mus noræ Wroughton, Ann. Mag. Nat. Hist. (8) 4: 541, Dec. 1909. Guaso Narok, Northern Guaso Nyiro, Kenya Colony.

ÆTHOMYS KAISERI TURNERI (Heller)

Epimys kaiseri turneri Heller, Smithsonian Misc. Coll., 63: no. 7, p. 8, 24 June 1914. Kisumu, Kenya Colony.

Range: probably confined to shore area of Lake Victoria.

ÆTHOMYS NAMAQUENSIS NAMAQUENSIS (A. Smith)

Gerbillus namaquensis A. Smith, South African Quart. Journ., 2: 160, 1834. Namaqualand, Cape of Good Hope.

Otomys namaquensis var. *fusca* F. Cuvier, Hist. Nat. des Mammifères, pt. 61, 1829.

For key to various forms of *Æ. namaquensis* see Jameson, H. L., Ann. Mag. Nat. Hist. (8) 4: 462, Nov. 1909.

ÆTHOMYS NAMAQUENSIS ARBORARIUS (Peters)

Mus arborarius Peters, Reise nach Mossambique, Säugeth., p. 152, pl. 35, f. 7; pl. 36, f. 2, 1852. Tette, Mozambique.

Probably a distinct race rather than a synonym of *Æ. namaquensis namaquensis* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908).

ÆTHOMYS NAMAQUENSIS AURICOMIS (De Winton)

Mus auricomis De Winton, Proc. Zool. Soc. London, for 1896, pp. 802, 807, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

Mus namaquensis auricomis Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

ÆTHOMYS NAMAQUENSIS CALARIUS Thomas
Æthomys namaquensis calarius Thomas, Ann. Mag. Nat. Hist. (9) 17: 184, Jan. 1926. Lehutitung, Ngamiland, Bechuanaland.

ÆTHOMYS NAMAQUENSIS CAPENSIS (Roberts)
Praomys namaquensis capensis Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Lormarins, Paarl, Cape of Good Hope.

ÆTHOMYS NAMAQUENSIS CENTRALIS (Schwann)
Mus auricomis centralis Schwann, Proc. Zool. Soc. London, 1: 107, 7 June 1906. Deelfontein, Cape of Good Hope.
Mus namaquensis centralis Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

ÆTHOMYS NAMAQUENSIS DRAKENSBERGI (Roberts)
Praomys namaquensis drakensbergi Roberts, Ann. Transvaal Mus., 11: 255, 14 Sep. 1926. Klipspruit, Utrecht, Natal.

ÆTHOMYS NAMAQUENSIS GRAHAMI (Roberts)
Mus namaquensis grahami Roberts, Ann. Transvaal Mus., 5: 118, 28 Aug. 1915. Godwin's Kloof, Grahamstown, Cape of Good Hope.

ÆTHOMYS NAMAQUENSIS KLAVERENSIS (Roberts)
Praomys namaquensis klaverensis Roberts, Ann. Transvaal Mus., 11: 254, 14 Sep. 1926. Klaver, Cape of Good Hope.

ÆTHOMYS NAMAQUENSIS LEHOCLA (A. Smith)
Mus lehocla A. Smith, Rept. Exped. for Exploring South Africa, App., p. 43, 1836. Latakoo, South Africa.
Mus namaquensis lehocla Thomas and Wroughton, Proc. Zool. Soc. London, p. 548, 30 Oct. 1908.

ÆTHOMYS NAMAQUENSIS LEHOCHLOIDES (Roberts)
Praomys namaquensis lehochloides Roberts, Ann. Transvaal Mus., 11: 255, 14 Sep. 1926. Wilhanshohe, Magalakuin, Transvaal.

ÆTHOMYS NAMAQUENSIS MONTICULARIS (Jameson)
Mus namaquensis monticularis Jameson, Ann. Mag. Nat. Hist. (8) 4: 461, Nov. 1909. Johannesburg, Transvaal.

ÆTHOMYS NAMAQUENSIS SICCATUS Thomas
Æthomys namaquensis siccatus Thomas, Proc. Zool. Soc. London, p. 304, 29 Apl. 1926. Cunene Falls, Ovamboland, Southwest Africa.

ÆTHOMYS NYIKÆ (Thomas)

Mus nyikæ Thomas, Proc. Zool. Soc. London, p. 431, 1 Oct. 1897. Nyika plateau, northern Nyasaland.

ÆTHOMYS PÆDULCUS (Sundevall)

Mus pædulcus Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1846, 3: no. 4, p. 120, 1847. "In Caffraria interiore, prope tropicum."

ÆTHOMYS STANNARIUS (Thomas)

Epimys stannarius Thomas, Ann. Mag. Nat. Hist. (8) 11: 482, May 1913. Kabwir, Bauchi Province, northern Nigeria.

Æthomys stannarius Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926.

ÆTHOMYS VERNAYI Hill and Carter

Æthomys vernayi Hill and Carter, Amer. Mus. Novitates, no. 913, p. 1, f. 1, 8 Mar. 1937. Chissonque, 20 km. east of Dande, Angola.

ÆTHOMYS WALAMBÆ WALAMBÆ (Wroughton)

Mus walambæ Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no. 5, p. 21, 13 Mar. 1907. Msofu River, Rhodesia.

ÆTHOMYS WALAMBÆ AMALÆ (Dollman)

Epimys walambæ amalæ Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 313, 16 June 1914. Lemek Valley, between the Amala River and Southern Guaso Nyiro, Kenya Colony.

ÆTHOMYS WALAMBÆ HINTONI Hatt

Æthomys walambæ hintoni Hatt, Amer. Mus. Novitates, no. 708, p. 7, 4 Apl. 1934. Kambove, Katanga, Congo Belge, 4400 ft.

ÆTHOMYS WALAMBÆ PEDESTER (Thomas)

Epimys walambæ pedester Thomas, Ann. Mag. Nat. Hist. (8) 8: 376, Sep. 1911. Kigezi, Mfumbiro region, southwestern Uganda.

APODEMUS Kaup. Wood Mice

Apodemus Kaup, Skizzirte Entw.-gesch. u. Naturl. Syst. Europ. Thierwelt, 1: 154, 1829. Genotype *Mus agrarius* Pallas.

Subgenus Sylvæmus Ognev

Sylvæmus Ognev, Fauna Zemn. Pozvonocn. Woronesch, 1923. Type *Mus sylvaticus* Linnæus.

Nemomys Thomas, Journ. Bombay Nat. Hist. Soc., 29: 889, 15 May 1924. Subgenus of *Apodemus*, type *Mus sylvaticus* Linnæus.

Apodemus sylvaticus algirus (Pomel). Algerian Wood Mouse

Mus algirus Pomel, Compt. Rend. Acad. Sci. Paris, 42: 654, 1856. Algeria, Oran Province.

Probably a valid subspecies (Cabrera, A., Trab. d. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 253, 30 Dec. 1932).

Mus chamæropsis Levaillant, Exploration Sci. de l'Algérie, Zool., Mammifères, Atlas, pl. 5, f. 1 (col.), 1a, 1857; Loche, Cat. Mamm. et Oiseaux observés en Algérie, p. 25, 1858. Constantine Province, Algeria.

Although identified as a *Gerbillus* by Lataste (Actes Soc. Linn. de Bordeaux, 37: 14, 1883), Thomas points out that the ungrooved incisors indicate *Mus*.

Mus reboudia Loche, Exploration Sci. de l'Algérie, Zool., Mammifères, p. 117, 1867. Oasis of Messad, Algeria.

Apodemus sylvaticus hayi (Waterhouse)

Mus hayi Waterhouse, Proc. Zool. Soc. London, for 1837, p. 76, July 1838. (Tangiers), Morocco.

Apodemus sylvaticus dichrurus Cabrera, Mem. Real Soc. Española Hist. Nat., Madrid, 50th anniv. vol., p. 44, 1921 (not of Rafinesque).

Range: Northern Morocco.

Arvicanthis Lesson. Kusu

Arvicanthis Lesson, Nouv. Tableau Règne Anim., Mamm., p. 147, 1842. Thomas, Proc. Zool. Soc. London, p. 553, footnote, Oct. 1895. Genotype *Lemmus niloticus* E. Geoffroy.

Isomys Sundevall, K. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 219, 1843. Genotype *Mus variegatus* Brants.

For diagnostic characters, see Thomas O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916.

See Dollman, Guy. On *Arvicanthis abyssinicus* and allied East-African species, with descriptions of four new forms. Ann. Mag. Nat. Hist. (8) 8: 334–353, Sep. 1911.

Arvicanthis abyssinicus abyssinicus (Rüppell)

Mus abyssinicus Rüppell, Mus. Senckenbergianum, 3: 104, pl. 7, f. 1, 1842. Entschetqab, Simen province, Abyssinia.

Mus (?) *rufidorsalis* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Grassy plains in Simen and Wogara, Abyssinia.

"Probably . . . a synonym of *A. abyssinicus*" (Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 304, Feb. 1928).

ARVICANTHIS ABYSSINICUS BLICKI Frick

Arvicanthis abyssinicus blicki Frick, Ann. Carnegie Mus., 9: 20, pl. 4, f. 1–5, 6 June 1914. Hora Mt. base camp, 9000 ft., South Chilalo Mts., Abyssinia.

ARVICANTHIS ABYSSINICUS CENTROSUS Hollister

Arvicanthis abyssinicus centrosus Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 1, 26 Oct. 1916. Rhino Camp, Lado Enclave.

ARVICANTHIS ABYSSINICUS FLUVICINCTUS Osgood

Arvicanthis abyssinicus fluvicinctus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 251, 28 Dec. 1936. Bichana, Gojjam, Ethiopia.

ARVICANTHIS ABYSSINICUS MEARNSI Frick

Arvicanthis abyssinicus mearnsi Frick, Ann. Carnegie Mus., 9: 22, pl. 4, f. 6–10, 6 June 1914. Sadi Malka, Hawash River, Abyssinia, 2800 ft.

ARVICANTHIS ABYSSINICUS MUANSÆ Matschie

Arvicanthis abyssinicus muansæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 339, Oct. 1911. Mwanza, south coast of Lake Victoria, Tanganyika Territory.

ARVICANTHIS ABYSSINICUS NAIROBÆ J. A. Allen

Arvicanthis nairobæ J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 168, 19 Mar. 1909. Nairobi, Kenya Colony.

ARVICANTHIS ABYSSINICUS NUBILANS Wroughton

Arvicanthus (sic) *abyssinicus nubilans* Wroughton, Ann. Mag. Nat. Hist. (8) 4: 539, Dec. 1909. Kisumu, Kenya Colony.

ARVICANTHIS ABYSSINICUS PALLESCENS Dollman

Arvicanthis rumruti pallescens Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 316, 16 June 1914. Loita Plains, Kenya Colony.

Arvicanthis abyssinicus pallescens Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 130, 1919.

ARVICANTHIS ABYSSINICUS PRÆCEPS Wroughton
Arvicanthis abyssinicus præceps Wroughton, Ann. Mag. Nat. Hist. (8) 4: 538, Dec. 1909. Naivasha, Kenya Colony.

ARVICANTHIS ABYSSINICUS RAFFERTYI Frick
Arvicanthis abyssinicus raffertyi Frick, Ann. Carnegie Mus., 9: 23, pl. 5, 6 June 1914. Gardula, southern Abyssinia.

ARVICANTHIS ABYSSINICUS ROSSII de Beaux
Arvicanthis abyssinicus rossii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 64: 90, Sep. 1925. Atalia, Congo Belge.

ARVICANTHIS ABYSSINICUS RUBESCENS Wroughton
Arvicanthis abyssinicus rubescens Wroughton, Ann. Mag. Nat. Hist. (8) 4: 538, Dec. 1909. Kibero, Unyoro, Uganda.

ARVICANTHIS ABYSSINICUS RUMRUTI Dollman
Arvicanthis rumruti Dollman, Ann. Mag. Nat. Hist. (8) 8: 128, July 1911. Rumruti, Laikipia Plateau, Kenya Colony.

ARVICANTHIS ABYSSINICUS SATURATUS Dollman
Arvicanthis abyssinicus saturatus Dollman, Ann. Mag. Nat. Hist. (8) 8: 343, Sep. 1911. Didessa River, near Guma, Abyssinia.

ARVICANTHIS ABYSSINICUS VIRESCENS Heller
Arvicanthis abyssinicus virescens Heller, Smithsonian Misc. Coll., 63: no. 7, p. 11, 24 June 1914. Voi, Kenya Colony.

ARVICANTHIS ABYSSINICUS ZAPHIRI Dollman
Arvicanthis zaphiri Dollman, Ann. Mag. Nat. Hist. (8) 8: 349, Sep. 1911. Guma, southern Abyssinia.

ARVICANTHIS LACERNATUS (Rüppell)
Meriones lacernatus Rüppell, Mus. Senckenbergianum, 3: 96, 115, pl. 6, f. 1, 1842. Grassy plains about Lake Dembea (=Lake Tana), Abyssinia (see Thomas, Proc. Zool. Soc. London, for 1902, 2: 312, Apl. 1903; and Ann. Mag. Nat. Hist. (7) 8: 274, Oct. 1901).
Mus dembeensis Rüppell, Mus. Senckenbergianum, 3: 109, pl. 6, f. 3, 1842. Deraske, Lake Tana, Abyssinia.

"I do not now think that Rüppell's *Mus dembeensis* is a *Desmomys* at all, as was formerly supposed to be the case. The 'straffen haaren', 'schmutzig-aschgrau' under surface and large claws . . . do not agree by any means with *Desmomys*, but apply well to an *Arvicanthis*, to which genus I have little doubt *dembeensis* is referable" (Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 302, Feb. 1928).

Arvicanthis abyssinicus pelliceus Thomas, Ann. Mag. Nat. Hist. (10) 1: 303, Feb. 1928. Zauday Grar, south shore of Lake Tana, Abyssinia.

Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 253, 28 Dec. 1936) shows that this is a synonym of *A. lacernatus*.

Arvicanthis niloticus niloticus (Desmarest). Nile Kusu

Arvicola niloticus Desmarest, Encyclop. Méthodique, Mammalogie, pt. 2, p. 281, 1822. Egypt.

Hypudæus variegatus Lichtenstein, Verzeichn. d. Doubletten d. Zool. Mus. Berlin, p. 2, 1823. "E provincia Fajum Aegypt."

Echimys niloticus E. Geoffroy and Audouin, Descr. de l'Egypte, 2: 734, pl. 5, f.2, 1829. Egypt, banks of the Nile.

Mus discolor Wagner, Arch. f. Naturg., 8: sect. 1, p. 9, 1842. Lower Egypt.

Isomys variegatus, vars. *major* et *minor* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 220, 1843. Syrkut, upper Nubia.

Relationship to *A. abyssinicus* and *A. lacernatus* still uncertain (Thomas, O., Ann. Mag. Nat. Hist. (7) 8: 274, Sep. 1901).

Range: Upper Egypt, the Fayum, Giza area, and parts of the Nile delta.

Arvicanthis niloticus ansorgei Thomas

Arvicanthis ansorgei Thomas, Ann. Mag. Nat. Hist. (8) 5: 353, Apl. 1910. Gunnal, Portuguese Guinea.

Arvicanthis niloticus centralis Dollman

Arvicanthis testicularis centralis Dollman, Ann. Mag. Nat. Hist. (8) 8: 338, Sep. 1911. Between Chak Chak and Dem Zubeir, western Bahr-el-Ghazal, Anglo-Egyptian Sudan.

According to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935) this is "apparently not distinct from *rufinus*."

Arvicanthis niloticus jebelæ Heller

Arvicanthis jebelæ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 9, 28 Feb. 1911. Rhino Camp, Lado Enclave.

Arvicanthis testicularis jebelæ Dollman, Ann. Mag. Nat. Hist. (8) 8: 338, Sep. 1911.

Probably a synonym of *A.n. testicularis* (Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

Arvicanthis niloticus kordofanensis Wettstein

Arvicanthis testicularis kordofanensis Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 161, 1916. Kadugli, southern Kordofan, Anglo-Egyptian Sudan.

A synonym of *A. n. testicularis* (Bræstrup, in Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

ARVICANTHIS NILOTICUS LUCTUOSUS Dollman

Arvicanthis luctuosus Dollman, Ann. Mag. Nat. Hist. (8) 8: 339, Sep. 1911. Kaka, north of Fashoda, Anglo-Egyptian Sudan.

Probably a synonym of *A. n. testicularis* (Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 119, 11 Sep. 1935).

ARVICANTHIS NILOTICUS MORDAX Thomas

Arvicanthis mordax Thomas, Ann. Mag. Nat. Hist. (8) 7: 460, May 1911. Panyam, northern Nigeria.

ARVICANTHIS NILOTICUS OCCIDENTALIS Wroughton

Arvicanthis occidentalis Wroughton, Ann. Mag. Nat. Hist. (7) 17: 377, Apl. 1906. Bo, interior Sierra Leone.

A synonym of *A. n. rufinus* according to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935).

ARVICANTHIS NILOTICUS REICHARDI (Noack)

Pelomys reichardi Noack, Zool. Jahrb., Syst., 2: 235, pl. 9, f. 4–7, 7 May 1887. Near Karema, Tanganyika Territory.

ARVICANTHIS NILOTICUS RUFINUS (Temminck)

Mus rufinus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 163, 1853. "Toutes les parties de la Guiné." Gold Coast.

Arvicanthis niloticus rufinus Bræstrup, Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935.

ARVICANTHIS NILOTICUS SETOSUS Thomas

Arvicanthis setosus Thomas, Ann. Mag. Nat. Hist. (7) 15: 79, Jan. 1905. Fra-Fra Country, Gold Coast hinterland.

ARVICANTHIS NILOTICUS SOLATUS Thomas

Arvicanthis testicularis solatus Thomas, Ann. Mag. Nat. Hist. (9) 16: 194, July 1925. Aouderas, Asben, French West Africa.

ARVICANTHIS NILOTICUS TESTICULARIS (Sundevall)

Isomys testicularis Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 221, 1843. Bahr-el-Abiad, Anglo-Egyptian Sudan.

ARVICANTHIS OCHROPUS (Heuglin)

Mus ochropus Heuglin, Reise in Nordost-Afrika, 2: 68, 1877. Bogos country, Abyssinia.

An *Arvicanthis* according to Trouessart (Cat. Mamm. Viv. Foss., suppl., p. 375, 1904).

ARVICANTHIS SOMALICUS SOMALICUS Thomas

Arvicanthis somalicus Thomas, Proc. Zool. Soc. London, for 1902, 2: 312, footnote, Apl. 1903. Shuk, northern Somaliland, 4000 ft.

ARVICANTHIS SOMALICUS CHANLERI Dollman

Arvicanthis chanleri Dollman, Ann. Mag. Nat. Hist. (8) 8: 130, July 1911. Chanler Falls, Northern Guaso Nyiro, Kenya Colony.

ARVICANTHIS SOMALICUS REPTANS Dollman

Arvicanthis reptans Dollman, Ann. Mag. Nat. Hist. (8) 8: 129, July 1911. Nyama Nyango, Northern Guaso Nyiro, Kenya Colony.

Arvicanthis somalicus reptans Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 48: no. 5, p. 99, 26 June 1912.

ARVICANTHIS TENEBROSUS TENEBROSUS Kershaw

Arvicanthis abyssinicus tenebrosus Kershaw, Ann. Mag. Nat. Hist. (9) 11: 595, May 1923. Tabora, Tanganyika Territory.

ARVICANTHIS TENEBROSUS RHODESIÆ St. Leger

Arvicanthis abyssinicus rhodesiæ St. Leger, Ann. Mag. Nat. Hist. (10) 10: 85, July 1932. Sichili River, Sesheke district, Northern Rhodesia.

COLOMYS Thomas and Wroughton

Colomys Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 379, May 1907. Genotype *Colomys goslingi* Thomas and Wroughton.

COLOMYS GOSLINGI GOSLINGI Thomas and Wroughton

Colomys goslingi Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 380, May 1907. Gambi, Uele River, Congo Belge.

COLOMYS GOSLINGI BICOLOR Thomas

Colomys bicolor Thomas, Ann. Mag. Nat. Hist. (8) 10: 42, July 1912. Bitye, southwestern Cameroons, 2000 ft.

COLOMYS GOSLINGI DENTI St. Leger

Colomys goslingi denti St. Leger, Ann. Mag. Nat. Hist. (10) 6: 527, Oct. 1930. Elburgon, Kenya Colony, 8000 ft.

CRICETOMYS Waterhouse. Giant Rats

Cricetomys Waterhouse, Proc. Zool. Soc. London, no. 85, p. 2, July 1840. Subgenus of *Mus*, type *Cricetomys gambianus* Waterhouse.

See Hinton, M. A. C. Notes on the genus *Cricetomys*, with descriptions of four new forms. Ann. Mag. Nat. Hist. (9) 4: 282–289, Oct. 1919.

CRICETOMYS BUCHANANI Thomas and Hinton
Cricetomys buchanani Thomas and Hinton, Novitates Zool., 28: 7, 14 May 1921. Farniso, near Kano, northern Nigeria.

CRICETOMYS COSENSI Hinton
Cricetomys cosensi Hinton, Ann. Mag. Nat. Hist. (9) 4: 286, Oct. 1919. Zanzibar Island.

CRICETOMYS EMINI EMINI Wroughton
Cricetomys gambianus emini Wroughton, Ann. Mag. Nat. Hist. (8) 5: 106, Jan. 1910. Gaddu, Monbottu, Congo Belge.

CRICETOMYS EMINI ANSORGEI Thomas
Cricetomys ansorgei Thomas, Ann. Mag. Nat. Hist. (7) 13: 412, June 1904. Pungo Andongo, Angola.

CRICETOMYS EMINI SANCTUS Hinton
Cricetomys emini sanctus Hinton, Ann. Mag. Nat. Hist. (9) 4: 286, Oct. 1919. Inkongo, Sankuru, Congo Belge.

CRICETOMYS EMINI VAUGHAN-JONESI St. Leger
Cricetomys emini vaughan-jonesi St. Leger, Ann. Mag. Nat. Hist. (10) 20: 148, July 1937. Balovale, upper Zambesi, northwestern Rhodesia.

CRICETOMYS GAMBIANUS GAMBIANUS Waterhouse
Cricetomys gambianus Waterhouse, Proc. Zool. Soc. London, p. 2, July 1840. River Gambia, West Africa.
Mus goliath Rüppell, Mus. Senckenbergianum, 3: 114, pl. 9; pl. 10, f.1, a–c, 1842. Senegambia.
Cricetomys gambiensis Temminck, Esquisses Zool. sur la Côte de Guiné, p. 168, 1853 (lapsus cal.). Guinea.

CRICETOMYS GAMBIANUS ADVENTOR Thomas and Wroughton
Cricetomys gambianus adventor Thomas and Wroughton, Proc. Zool. Soc. London, p. 295, 1 Aug. 1907. Coguno, Inhambane, Mozambique.

CRICETOMYS GAMBIANUS CUNCTATOR Thomas and Wroughton
Cricetomys gambianus cunctator Thomas and Wroughton, Proc. Zool. Soc. London, p. 171, Sep. 1908. Tambarara, Gorongoza district, Mozambique.

CRICETOMYS GAMBIANUS DICHRURUS Osgood
Cricetomys gambianus dichrurus Osgood, Ann. Mag. Nat. Hist. (8) 5: 280, Mar. 1910. Agoulené, Anambara River, southern Nigeria.

CRICETOMYS GAMBIANUS DISSIMILIS Rochebrune

Cricetomys dissimilis Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 86, 1885. Landana, Angola.

Mus tephrus Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Landana, Angola.

CRICETOMYS GAMBIANUS DOLICHOPS Osgood

Cricetomys gambianus dolichops Osgood, Ann. Mag. Nat. Hist. (8) 5: 280, Mar. 1910. Como River, 70 miles from Gaboon, French Congo.

CRICETOMYS GAMBIANUS ELGONIS Thomas

Cricetomys gambianus elgonis Thomas, Ann. Mag. Nat. Hist. (8) 5: 198, Feb. 1910. South face of Mt. Elgon, Kenya Colony, 10,000 ft.

CRICETOMYS GAMBIANUS ENGUVI Heller

Cricetomys gambianus enguvi Heller, Smithsonian Misc. Coll., 59: no. 16, p. 16, 5 July 1912. Mt. Umengo, Taita Mts., Kenya Colony.

CRICETOMYS GAMBIANUS GRAHAMI Hinton

Cricetomys gambianus grahami Hinton, Ann. Mag. Nat. Hist. (9) 4: 283, Oct. 1919. Nuba Mts., southeastern Anglo-Egyptian Sudan.

CRICETOMYS GAMBIANUS HAAGNERI Roberts

Cricetomys gambianus haagneri Roberts, Ann. Transvaal Mus., 11: 252, text-f. 1, 14 Sep. 1926. Zoutpansberg, 10 miles north of Louis Trichardt, Transvaal.

CRICETOMYS GAMBIANUS KENYENSIS Osgood

Cricetomys gambianus kenyensis Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 9, 16 Feb. 1910. South side of Mt. Kenya, Kenya Colony.

CRICETOMYS GAMBIANUS KIVUENSIS Lönnberg

Cricetomys gambianus kivuensis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 58: art. 2, p. 75, 1 Sep. 1917. Masisi, Congo Belge.

CRICETOMYS GAMBIANUS LANGI Hatt

Cricetomys gambianus langi Hatt, Amer. Mus. Novitates, no. 708, p. 5, 4 Apl. 1934. Faradje, upper Uele district, Congo Belge.

CRICETOMYS GAMBIANUS LIBERIÆ Osgood

Cricetomys gambianus liberiæ Osgood, Ann. Mag. Nat. Hist. (8) 5: 281, Mar. 1910. Fifty miles inland from Monrovia, Liberia.

CRICETOMYS GAMBIANUS LUTEUS Dollman
Cricetomys gambianus luteus Dollman, Ann. Mag. Nat. Hist. (8) 8: 124, July 1911. Igembi Hills, northeast of Mt. Kenya, Kenya Colony.

CRICETOMYS GAMBIANUS OLIVIÆ Dollman
Cricetomys gambianus oliviæ Dollman, Ann. Mag. Nat. Hist. (8) 8: 258, Aug. 1911. Fika, Bornu, northern Nigeria.

CRICETOMYS GAMBIANUS OSGOODI Heller
Cricetomys gambianus osgoodi Heller, Smithsonian Misc. Coll., 59: no. 16, p. 16, 5 July 1912. Mazeras, Kenya Colony.

CRICETOMYS GAMBIANUS POENSIS Osgood
Cricetomys gambianus poensis Osgood, Ann. Mag. Nat. Hist. (8) 5: 279, Mar. 1910. Bubi Town, Bantaberi, Island of Fernando Po.

CRICETOMYS GAMBIANUS PROPARATOR Wroughton
Cricetomys gambianus proparator Wroughton, Ann. Mag. Nat. Hist. (8) 5: 107, Jan. 1910. Ruwenzori East, Uganda, 6000 ft.

CRICETOMYS GAMBIANUS RAINEYI Heller
Cricetomys gambianus raineyi Heller, Smithsonian Misc. Coll., 59: no. 16, p. 15, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

CRICETOMYS GAMBIANUS VIATOR Thomas
Cricetomys gambianus viator Thomas, Ann. Mag. Nat. Hist. (7) 13: 413, June 1904. Likangala, Nyasaland.

CRICETOMYS MICROTIS Lönnberg
Cricetomys microtis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: art. 2, p. 77, 1 Sep. 1917. Masisi, Congo Belge.

CRICETOMYS SERVORUM Hinton
Cricetomys servorum Hinton, Ann. Mag. Nat. Hist. (9) 4: 288, Oct. 1919. Lagos, southern Nigeria.

DASYMYS Peters: Shaggy-haired Rats

Dasymys Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 12, 1875. Genotype *Dasymys gueinzii* Peters = *Mus incomtus* Sundevall.

DASYMYS BENTLEYÆ BENTLEYÆ (Thomas)
Mus (*Dasymys*) *bentleyæ* Thomas, Ann. Mag. Nat. Hist. (6) 10: 179, Aug. 1892. Ngombi, Lower Congo, Congo Belge.

Dasymys bentleyæ medius Thomas

Dasymys medius Thomas, Ann. Mag. Nat. Hist. (7) 18: 143, Aug. 1906. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

Dasymys bentleyæ medius Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 123, 1919.

Dasymys foxi Thomas

Dasymys foxi Thomas, Ann. Mag. Nat. Hist. (8) 9: 685, June 1912. Panyam, northern Nigeria.

Dasymys helukus helukus Heller

Dasymys helukus Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 2, pl. 1, b (skull), 28 Feb. 1910. Sirgoit, Guas Ngishu Plateau, Kenya Colony.

Dasymys helukus nigridius Hollister

Dasymys helukus nigridius Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 2, 26 Oct. 1916. Naivasha Station, Kenya Colony.

Dasymys helukus savannus Heller

Dasymys savannus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 14, 28 Feb. 1911. Fort Hall, Kenya Colony.

Dasymys incomtus incomtus (Sundevall)

Mus incomtus Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, for 1846, 3: no. 4, p. 120, 1847. "Caffraria prope Portum Natal."

Dasymys gueinzii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 12, pl. 1 (col.); pl. 2 (skull), 1875. Interior of Port Natal, Natal.

Dasymys incomtus capensis Roberts

Dasymys incomtus capensis Roberts, Ann. Transvaal Mus., 18: 254, 21 Feb. 1936. La Plisante, Wolseley, Cape Province.

Dasymys incomtus fuscus De Winton

Dasymys incomtus fuscus De Winton, Proc. Zool. Soc. London, for 1896, p. 804, Apl. 1897. Mazoë, Mashonaland, Southern Rhodesia.

Dasymys incomtus griseifrons Osgood

Dasymys incomptus (sic) *griseifrons* Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 255, 28 Dec. 1936. Southwest side of Lake Tana, near Dungulbar, Gojjam, Ethiopia.

Dasymys montanus Thomas

Dasymys montanus Thomas, Ann. Mag. Nat. Hist. (7) 18: 143, Aug. 1906; Thomas and Wroughton, Trans. Zool. Soc. London, 19: 513, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 12,500 ft.

Dasymys nudipes nudipes (Peters)
Mus (*Isomys*) *nudipes* Peters, Jorn. Sci. Math., Phys. e Nat., Lisboa, (1) 3: 126, Dec. 1870. Huilla, Angola.

Dasymys nudipes edsoni Hatt
Dasymys nudipes edsoni Hatt, Amer. Mus. Novitates, no. 708, p. 6, 4 Apl. 1934. Lukolela, middle Congo, Congo Belge.

Dasymys orthos Heller
Dasymys orthos Heller, Smithsonian Misc. Coll., 56: no. 17, p. 13, 28 Feb. 1911. Butiaba, Albert Nyanza, Uganda.

Dasymys rufulus Miller
Dasymys rufulus Miller, Proc. Washington Acad. Sci., 2: 639, text-f. 40, 28 Dec. 1900. Mount Coffee, Liberia.

Dasymys shawi Kershaw
Dasymys shawi Kershaw, Ann. Mag. Nat. Hist. (9) 13: 25, Jan. 1924. Mount Baginzi, southern Bahr-el-Ghazal, near Congo border, 40 miles south-southeast of Yambio, Anglo-Egyptian Sudan.

Dasymys thomasi (De Winton)
Mus thomasi De Winton, Ann. Mag. Nat. Hist. (6) 20: 321, Sep. 1897. Galanga, Angola.

Dephomys Thomas

Dephomys Thomas, Ann. Mag. Nat. Hist. (9) 17: 177, Jan. 1926. Genotype *Mus defua* Miller.

Dephomys defua (Miller). Bristly Rat
Mus defua Miller, Proc. Washington Acad. Sci., 2: 635, 28 Dec. 1900. Mount Coffee, Liberia.

Desmomys Thomas

Desmomys Thomas, Ann. Mag. Nat. Hist. (8) 5: 284, Mar. 1910. Genotype *Pelomys harringtoni* Thomas.

Desmomys harringtoni (Thomas)
Pelomys harringtoni Thomas, Proc. Zool. Soc. London, for 1902, 2: 313, Apl. 1903. Katchisa, Kutai, western Shoa, Abyssinia.

Desmomys rex (Thomas)

Arvicanthis rex Thomas, Ann. Mag. Nat. Hist. (7) 18: 304, Oct. 1906. Charada Forest, Kaffa, central Abyssinia.

"It may be provisionally considered as a giant member of *Desmomys*" (Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916).

Note: *Desmomys dembeensis* (Rüppell) proves to be an *Arvicanthis;* see Thomas, O., Ann. Mag. Nat. Hist. (10) 1: 302, footnote, Feb. 1928.

Hybomys Thomas. Back-striped Mice

Hybomys Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910. Genotype *Mus univittatus* Peters.

Typomys Thomas, Ann. Mag. Nat. Hist. (8) 7: 382, Apl. 1911. Genotype *Mus trivirgatus* Temminck. Synonym of *Hybomys* (see Ingoldby, C. M., Ann. Mag. Nat. Hist. (10) 3: 522, May 1929).

Hybomys univittatus univittatus (Peters)

Mus univittatus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 479, pl. 2, f. 3 (col.), 1876. Dongila, Gaboon.

Mus (*Isomys*) *rufocanus* Tullberg, Nova Acta Reg. Soc. Sci., Upsala, (3) 16: no. 12, p. 23, pl. 2, f. 9, 10; pl. 3, f. 41, 42, 1893. Vevaka, Cameroons.

Hybomys univittatus badius Osgood

Hybomys univittatus badius Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 254, 28 Dec. 1936. Southwest slope of Mt. Cameroon, Cameroon mandate, British Nigeria.

Hybomys univittatus lunaris (Thomas)

Mus univittatus lunaris Thomas, Ann. Mag. Nat. Hist. (7) 18: 145, Aug. 1906. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

Hybomys univittatus planifrons (Miller)

Arvicanthis planifrons Miller, Proc. Washington Acad. Sci., 2: 641, text-f. 41, a, 28 Dec. 1900. Mount Coffee, Liberia.

Hybomys trivirgatus trivirgatus (Temminck)

Mus trivirgatus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 159, 1853. Dabacrom, Gold Coast.

Hybomys trivirgatus pearcei Ingoldby

Hybomys trivirgatus pearcei Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 522, May 1929. Lagos, Nigeria.

Hylenomys Thomas

Hylenomys Thomas, Ann. Mag. Nat. Hist. (9) 15: 667, June 1925. Genotype *Hylenomys callewærti* Thomas.

Hylenomys callewærti Thomas

Hylenomys callewærti Thomas, Ann. Mag. Nat. Hist. (9) 15: 668, June 1925. Luluabourg, Lualaba, southern Congo Belge, 610 m.

Hylomyscus Thomas. Climbing Wood Mice

Praomys Thomas, Ann. Mag. Nat. Hist. (8) 15: 477, Dec. 1915, in part.

Hylomyscus Thomas, Ann. Mag. Nat. Hist. (9) 17: 178, Jan. 1926. Genotype *Epimys æta* Thomas; with list of included species.

Hylomyscus æta æta (Thomas)

Epimys æta Thomas, Ann. Mag. Nat. Hist. (8) 7: 591, June 1911; (8) 10: 43, July 1912 (additional notes on size). Bitye, Ja River, Cameroons.

Hylomyscus æta laticeps Osgood

Hylomyscus æta laticeps Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 247, 28 Dec. 1936. Southwest slope of Mt. Cameroon, Cameroon Mandate, British Nigeria.

Hylomyscus æta schoutedeni (Dollman)

Epimys schoutedeni Dollman, Revue Zool. Africaine, 4: 82, 25 July 1914. Mambaka, Congo Belge.

Hylomyscus æta weileri (Lönnberg and Gyldenstolpe)

Rattus (*Praomys*) *weileri* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 3, 2 May 1925. Burunga, western foothills of Mt. Mikeno, Birunga Volcanoes, Congo Belge, 2400 m.

Hylomyscus alleni alleni (Waterhouse)

Mus alleni Waterhouse, Proc. Zool. Soc. London, for 1837, p. 77, 22 Jan. 1838. Fernando Po, Gulf of Guinea.

Hylomyscus alleni carillus (Thomas)

Mus carillus Thomas, Ann. Mag. Nat. Hist. (7) 13: 418, June 1904. Pungo Andongo, Angola, 1200 m.

Hylomyscus alleni simus G. M. Allen and Coolidge

Hylomyscus alleni simus G. M. Allen and Coolidge, in R. P. Strong and others, The African Republic of Liberia and the Belgian Congo, 2: 599, 1930. Merikay, interior of Liberia.

Hylomyscus denniæ denniæ (Thomas)

Mus denniæ Thomas, Ann. Mag. Nat. Hist. (7) 18: 144, Aug. 1906. Thomas and Wroughton, Trans. Zool. Soc. London, 19: 504, Mar. 1910. Ruwenzori East, Mubuku Valley, Uganda, 7000 ft.

Epimys endorobæ Heller, Smithsonian Misc. Coll., 56: no. 9, p. 3, pl. 2, 3 figs., 22 July 1910. Western edge of Mau Forest, 25 miles north of Eldoma Ravine, Kenya Colony, 8600 ft.

A synonym of *denniæ* according to Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 79, 1919.

Hylomyscus denniæ butleri (Wroughton)

Mus butleri Wroughton, Ann. Mag. Nat. Hist. (7) 20: 503, Dec. 1907. Between Chak Chak and Dem Zubeir, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Hylomyscus denniæ vulcanorum (Lönnberg and Gyldenstolpe)

Rattus (*Praomys*) *denniæ vulcanorum* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 4, 2 May 1925. Mt. Karisimbi, Birunga Volcanoes, Congo Belge, 3800 m.

Hylomyscus stella stella (Thomas)

Epimys stella Thomas, Ann. Mag. Nat. Hist. (8) 7: 590, June 1911. Ituri Forest, between Mawambi and Avakubi, eastern Congo Belge.

Range: Eastern Congo to Cameroons

Hylomyscus stella kaimosæ (Heller)

Epimys alleni kaimosæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 7, 5 July 1912. Kaimosi, Kakumega Forest, Kenya Colony.

Rattus stella kaimosæ Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 82, 1919.

Komemys de Beaux. See Pelomys

Leggada Gray. Pygmy Mice

Leggada Gray, Charlesworth's Mag. Nat. Hist., 1: 586, Nov. 1837. Genotype *Leggada booduga* Gray. On the generic characters see Thomas, O., Journ. Bombay Nat. Hist. Soc., 26: 417–420, 20 May 1919.

Nannomys Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 480, pl. 2, f. 4, Aug. 1876. Subgenus of *Mus*, type *Mus setulosus* Peters.

Pseudoconomys Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 531, 8 Dec. 1896. Subgenus of *Mus*, type *Mus proconodon* Rhoads.

Leggada bella bella Thomas

Leggada bella Thomas, Ann. Mag. Nat. Hist. (8) 5: 87, Jan. 1910. Machakos, Kenya Colony.

LEGGADA BELLA ENCLAVÆ (Heller)
Mus bellus enclavæ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 8, 28 Feb. 1911. Rhino Camp, Lado Enclave.

LEGGADA BELLA GALLARUM Thomas
Leggada bella gallarum Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Harar, eastern Abyssinia, 6000 ft.

LEGGADA BELLA GONDOKORÆ (Heller)
Mus bellus gondokoræ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 8, 28 Feb. 1911. Gondokoro, Uganda.

LEGGADA BELLA INDUTA Thomas
Leggada bella induta Thomas, Ann. Mag. Nat. Hist. (8) 5: 89, Jan. 1910. Molopo, west of Morokwen, northern Bechuanaland.

LEGGADA BELLA KASAICA Cabrera
Leggada bella kasaica Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 222, 28 Apl. 1924. St. Joseph de Luluabourg, Kasai, Congo Belge.

LEGGADA BELLA MARICA Thomas
Leggada bella marica Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Beira, Mozambique.

LEGGADA BELLA PETILA (Hollister)
Mus bellus petilus Hollister, Smithsonian Misc. Coll., 66: no. 10, p. 3, 26 Oct. 1916. Southern Guaso Nyiro River, Kenya Colony.

LEGGADA BELLA SYBILLA Thomas
Leggada bella sybilla Thomas, Ann. Mag. Nat. Hist. (9) 2: 484, Dec. 1918. Benguella, Angola.

LEGGADA BELLA VICINA Thomas
Leggada bella vicina Thomas, Ann. Mag. Nat. Hist. (8) 5: 88, Jan. 1910. Takaungu, near Mombasa, Kenya Colony.

LEGGADA BIRUNGENSIS (Lönnberg and Gyldenstolpe)
Mus birungensis Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 5, p. 5, 2 May 1925. Mt. Mikeno, Birunga Volcanoes, Congo Belge, 3400 m.

LEGGADA BUFO BUFO Thomas
Leggada bufo Thomas, Ann. Mag. Nat. Hist. (7) 18: 145, Aug. 1906. Thomas and Wroughton, Trans. Zool. Soc. London, 19: 506, pl. 23, lower f. (col.), Mar. 1910. Ruwenzori East, Uganda, 6000 ft.

LEGGADA BUFO WAMBUTTI (Lönnberg and Gyldenstolpe)
Mus bufo wambutti Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17B: no. 5, p. 4, 2 May 1925. Campi ya Wambutti, Ituri Forest, eastern Congo Belge.

LEGGADA DESERTI DESERTI Thomas
Leggada deserti Thomas, Ann. Mag. Nat. Hist. (8) 5: 90, Jan. 1910. Molopo, west of Morokwen, northern Bechuanaland.

LEGGADA DESERTI PRETORIÆ Roberts
Leggada deserti pretoriæ Roberts, Ann. Transvaal Mus., 11: 252, 14 Sep. 1926. Pretoria, Transvaal.

LEGGADA DESERTI VALSCHENSIS Roberts
Leggada deserti valschensis Roberts, Ann. Transvaal Mus., 11: 251, 14 Sep. 1926. Bothaville, Orange Free State.

LEGGADA EMESI (Heller)
Mus musculoides emesi Heller, Smithsonian Misc. Coll., 56: no. 17, p. 5, 28 Feb. 1911. Kabula Muliro, Uganda.
A distinct species from *L. triton* (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 96, 1919).

LEGGADA GERBILLUS G. M. Allen and Loveridge
Leggada gerbillus G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 112, Feb. 1933. Dodoma, Ugogo, Tanganyika Territory.

LEGGADA GRATA GRATA Thomas and Wroughton
Leggada grata Thomas and Wroughton, Trans. Zool. Soc. London, 19: 507, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda.
Mus gratus sungaræ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 7, 28 Feb. 1911. West Kenya Forest Station, Kenya Colony, 7500 ft. Synonym of *L. grata* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 102, 1919).

LEGGADA GRATA SORICOIDES (Heller)
Mus gratus soricoides Heller, Smithsonian Misc. Coll., 63: no. 7, p. 10, 24 June 1914. Mt. Mbololo, Taita Hills, Kenya Colony.

LEGGADA HAUSSA Thomas and Hinton
Leggada haussa Thomas and Hinton, Novitates Zool., 27: 319, 15 June 1920. Farniso, near Kano, northern Nigeria, 1700 ft.

LEGGADA MAHOMET (Rhoads)
Mus mahomet Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 532, 8 Dec. 1896. Sheikh Mahomet, western British Somaliland.

LEGGADA MATSCHIEI (Wettstein)

Mus (*Leggada*) *matschiei* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 160, 1916. Gebel Debri, south of Gebel Gulfan, southern Kordofan, Anglo-Egyptian Sudan.

LEGGADA MINUTOIDES MINUTOIDES (A. Smith)

Mus minutoides A. Smith, South African Quart. Journ., 2: 157, 1834. Thomas, Proc. Zool. Soc. London, p. 13, June 1888 (synonymy). Near Cape Town, Cape of Good Hope.

Mus minimus Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 274, 1852. Tette, Buio, Macanga, Mozambique. Not *Mus minimus* White, 1789, which is a *Micromys*.

LEGGADA MINUTOIDES NEAVEI Thomas

Leggada neavei Thomas, Ann. Mag. Nat. Hist. (8) 5: 90, Jan. 1910. Petauke, eastern Loangwe district, northeastern Rhodesia, 2400 ft.

LEGGADA MINUTOIDES ORANGIÆ Roberts

Leggada orangiæ Roberts, Ann. Transvaal Mus., 11: 251, 14 Sep. 1926. Kruisementfontein, Viljœns Drift, Orange Free State.

LEGGADA MINUTOIDES UMBRATA Thomas

Leggada minutoides umbrata Thomas, Ann. Mag. Nat. Hist. (8) 5: 86, Jan. 1910. Wakkerstroom, southeastern Transvaal, 5900 ft.

LEGGADA MUSCULOIDES (Temminck)

Mus musculoides Temminck, Esquisses Zool. sur la Côte de Guiné, p. 161, 1853. "Côte de Guiné," West Africa.

Mus (*Nannomys*) *setulosus* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 480, pl. 2, f. 4 (col.), 1876. Victoria, Cameroons.

LEGGADA PAULINA Thomas

Leggada paulina Thomas, Ann. Mag. Nat. Hist. (9) 2: 485, Dec. 1918. Bitye, Ja River, Cameroons, 2000 ft.

Probably a race of *musculoides* (fide Thomas).

LEGGADA PROCONODON PROCONODON (Rhoads)

Mus (*Pseudoconomys*) *proconodon* Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 531, 8 Dec. 1896. Sheikh Husein, western British Somaliland.

LEGGADA PROCONODON PASHA Thomas

Leggada pasha Thomas, Ann. Mag. Nat. Hist. (8) 5: 89, Jan. 1910. Tingasi, Monbuttu, Uele district, Congo Belge.

Mus proconodon pasha Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 247, 28 Dec. 1936.

LEGGADA SORELLA Thomas

Leggada sorella Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

LEGGADA SPRETA (Lataste)

Mus spretus Lataste, Actes Soc. Linn. de Bordeaux, (4) 7: 27, text-f. 5, 6, 20 Mar. 1883. Oued Magra, between M'sila and Barika, north of Hodna, high plateau of Algeria.

The cranial proportions are like those of a *Leggada* as measured on Lataste's figures, but possibly this name is a synonym of a form of *Mus*.

LEGGADA TENELLA TENELLA Thomas

Leggada tenella Thomas, Proc. Zool. Soc. London, 1: 298, 6 Aug. 1903. Roseires, Blue Nile, Anglo-Egyptian Sudan.

LEGGADA TENELLA ACHOLI (Heller)

Mus tenellus acholi Heller, Smithsonian Misc. Coll., 56: no. 17, p. 6, 28 Feb. 1911. Rhino Camp, Lado Enclave.

LEGGADA TENELLA SUAHELICA Thomas

Leggada tenella suahelica Thomas, Ann. Mag. Nat. Hist. (8) 6: 312, Sep. 1910. Taveta, foot of Mt. Kilimanjaro, Tanganyika Territory.

LEGGADA TRITON TRITON Thomas

Leggada triton Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.

Leggada naivashæ Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 2, pl. 2, a, 28 Feb. 1910. Base of Aberdare Mts., eastern edge of Naivasha Plains, Kenya Colony.

LEGGADA TRITON FORS Thomas

Leggada fors Thomas, Ann. Mag. Nat. Hist. (8) 4: 548, Dec. 1909 (in description of *L. triton* where skull length is given, as noted by Hollister, in Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 96, 1919). Butagu Valley, Ruwenzori West.

See also Thomas and Wroughton, Trans. Zool. Soc. London, 19: 506, Mar. 1910.

LEGGADA TRITON MURILLA Thomas

Leggada triton murilla Thomas, Ann. Mag. Nat. Hist. (8) 5: 91, Jan. 1910. Machakos, Kenya Colony, 5400 ft.

LEGGADA WAMÆ (Heller)

Mus wamæ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 5, 28 Feb. 1911. Kapiti Plains, Kenya Colony.

LEMNISCOMYS Trouessart. Striped Grass Mice

Lemniscomys Trouessart, Bull. Soc. d'Etudes Sci., Angers, 10: 124, 1881. Subgenus of *Mus;* type *Mus barbarus* Linnæus.

For diagnostic characters, see Thomas, O., Ann. Mag. Nat. Hist. (8) 18: 68, July 1916.

LEMNISCOMYS BARBARUS BARBARUS (Linnæus)

Mus barbarus Linnæus, Syst. Nat., ed. 12, 1: pt. 2, addenda, unpaged at end of vol., 1767. "Barbaria," i.e. Morocco.

LEMNISCOMYS BARBARUS ALBOLINEATUS (Osgood)

Arvicanthis barbarus albolineatus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 11, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

LEMNISCOMYS BARBARUS CONVICTUS (Osgood)

Arvicanthis barbarus convictus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 10, 16 Feb. 1910. Voi, Kenya Colony.

LEMNISCOMYS BARBARUS FASCIATUS (Wroughton)

Arvicanthis fasciatus Wroughton, Ann. Mag. Nat. Hist. (7) 17: 377, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

LEMNISCOMYS BARBARUS IFNIENSIS Morales Agacino. Morocco Striped Grass Mouse

Lemniscomys barbarus ifniensis Morales Agacino, Bol. Soc. Española Hist. Nat., Madrid, 35: 390, text-f. 1, 25 Aug. 1935. Sidi Ifni, Ifni, Spanish Morocco.

LEMNISCOMYS BARBARUS MANTEUFELI Matschie

Lemniscomys barbarus manteufeli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, Oct. 1911. Mwanza, south coast of Lake Victoria, Tanganyika Territory.

LEMNISCOMYS BARBARUS NIGERIÆ (Thomas)

Arvicanthis barbarus nigeriæ Thomas, Ann. Mag. Nat. Hist. (8) 9: 272, Feb. 1912. Panyan Plateau, northern Nigeria.

LEMNISCOMYS BARBARUS SPEKEI (De Winton)

Arvicanthis spekei De Winton, Ann. Mag. Nat. Hist. (6) 20: 318, Sep. 1897. Unyamuezi, Tanganyika Territory.

Lemniscomys barbarus spekei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 338, Oct. 1911.

Lemniscomys barbarus zebra (Heuglin)

Mus zebra Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: Abhandl., no. 7, p. 10, 1864. Country of the Req negroes, Djur and Bongo, Anglo-Egyptian Sudan.

Lemniscomys dunni dunni (Thomas)

Arvicanthis dunni Thomas, Proc. Zool. Soc. London, 1: 297, 6 Aug. 1903. Kaga Hills, western Kordofan, Anglo-Egyptian Sudan.

A race of *L. barbarus* according to Bræstrup (Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 120, 11 Sep. 1935).

Lemniscomys dunni nubalis Thomas and Hinton

Lemniscomys dunni nubalis Thomas and Hinton, Proc. Zool. Soc. London, p. 263, 6 July 1923. Talodi, Nuba Country, southern Kordofan, Anglo-Egyptian Sudan.

Lemniscomys dunni olga Thomas and Hinton

Lemniscomys olga Thomas and Hinton, Novitates Zool., 28: 9, 14 May 1921. Takoukout, Damergou, French West Africa.

Lemniscomys griselda griselda (Thomas). Single-striped Grass Mouse

Arvicanthis dorsalis griselda Thomas, Ann. Mag. Nat. Hist. (7) 13: 414, June 1904. Muene Coshi, Jinga country, Angola.

For use of *griselda* as a specific name in place of *dorsalis*, see Thomas, O., Proc. Zool. Soc. London, p. 385, 12 July 1927.

Lemniscomys griselda calidior (Thomas and Wroughton)

Arvicanthis dorsalis calidior Thomas and Wroughton, Proc. Zool. Soc. London, p. 545, 30 Oct. 1908. Tambarara, Gorongoza Mts., Zambesia, Mozambique.

Lemniscomys griselda fitzsimonsi Roberts

Lemniscomys griselda fitzsimonsi Roberts, Ann. Transvaal Mus., 15: 11, 1 Oct. 1932. Kaotwe Pan, central Kalahari, Bechuanaland.

Lemniscomys griselda linulus (Thomas)

Arvicanthis linulus Thomas, Ann. Mag. Nat. Hist. (8) 6: 429, Oct. 1910. Gamon, French Gambia.

Lemniscomys griselda maculosus (Osgood)

Arvicanthis dorsalis maculosus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 17, 7 Apl. 1910. Voi, Kenya Colony.

Arvicanthis dorsalis phæotis Thomas, Ann. Mag. Nat. Hist. (8) 6: 429, Oct. 1910. Mazeras, Kenya Colony.

LEMNISCOMYS GRISELDA MEARNSI Heller

Lemniscomys dorsalis mearnsi Heller, Smithsonian Misc. Coll., 63: no. 7, p. 12, 24 June 1914. Fort Hall, Kenya Colony.

LEMNISCOMYS GRISELDA ROSALIA (Thomas)

Arvicanthis dorsalis rosalia Thomas, Ann. Mag. Nat. Hist. (7) 13: 414, June 1904. Monda, Nguru Mts., Tanganyika Territory.

LEMNISCOMYS GRISELDA SABULATUS Thomas

Lemniscomys griselda sabulata Thomas, Proc. Zool. Soc. London, p. 385, 12 July 1927. Sandfontein, Gobabis district, Southwest Africa.

LEMNISCOMYS GRISELDA SPINALIS Thomas

Mus dorsalis A. Smith, Illustr. Zool. South Africa, Mamm., pl. 46, f. 2, and text, Oct. 1845. "North of the Orange River"; assumed to be the western Transvaal (Roberts, A., Ann. Transvaal Mus., 5: 271, 1917).

Name preoccupied by *Mus dorsalis* G. Fischer, 1814.

Lemniscomys griselda spinalis Thomas, Ann. Mag. Nat. Hist. (8) 18: 69, footnote, July 1916. New name to replace *Mus dorsalis* A. Smith, 1845, preoccupied by *Mus dorsalis* G. Fischer, 1814, a *Sicista*.

LEMNISCOMYS GRISELDA ZULUENSIS Roberts

Lemniscomys griselda zuluensis Roberts, Ann. Transvaal Mus., 14: 235, 28 July 1931. Manaba, northern Zululand, Cape of Good Hope.

?LEMNISCOMYS LINEATO-AFFINIS (Hedenborg)

Mus lineato-affinis Hedenborg, Oken's Isis, p. 5, 1832. Sennaar. Status uncertain; probably not intended as a technical name.

LEMNISCOMYS LYNESI Thomas and Hinton

Lemniscomys lynesi Thomas and Hinton, Proc. Zool. Soc. London, p. 267, 6 July 1923. Central Jebel Marra, Darfur, Anglo-Egyptian Sudan, 7700–9750 ft.

LEMNISCOMYS MACCULUS MACCULUS (Thomas and Wroughton)

Arvicanthis macculus Thomas and Wroughton, Trans. Zool. Soc. London, 19: 515, pl. 24 (left-hand fig.), Mar. 1910. Moki, southeastern Ruwenzori, Uganda.

Lemniscomys macculus macculus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 138, 1919.

LEMNISCOMYS MACCULUS AKKA (Thomas)

Arvicanthis macculus akka Thomas, Ann. Mag. Nat. Hist. (8) 16: 479, Dec. 1915. Tingasi, Bomakandi River, Congo Belge.

LEMNISCOMYS OWENI OWENI (Thomas)

Arvicanthis oweni Thomas, Ann. Mag. Nat. Hist. (8) 8: 120, July 1911. Gemenjulla, French Gambia.

LEMNISCOMYS OWENI ORIENTALIS Hatt

Lemniscomys oweni orientalis Hatt, Amer. Mus. Novitates, no. 790, p. 2, 10 Apl. 1935. Faradje, Congo Belge.

LEMNISCOMYS STRIATUS STRIATUS (Linnæus). Striped Grass Mouse

Mus striatus Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. "India" = Sierra Leone (see Thomas, Proc. Zool. Soc. London, p. 148, Mar. 1911).

Mus orientalis Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 29: 59, 1819. "de l'Inde." Based on Seba; not *Mus orientalis* Cretzschmar, 1826, = *Mus musculus* Linnæus.

Golunda pulchella Gray, Proc. Zool. Soc. London, p. 57, July 1864. "West Africa."

LEMNISCOMYS STRIATUS ARDENS (Thomas)

Arvicanthis pulchellus ardens Thomas, Ann. Mag. Nat. Hist. (8) 6: 313, Sep. 1910. Rombo, Mt. Kilimanjaro, Tanganyika Territory, 6000 ft.

LEMNISCOMYS STRIATUS LULUÆ Matschie

Lemniscomys luluæ Matschie, Zeitschr. f. Säugetierk., 1: 112, 24 Dec. 1926. Shibakala, near Luluabourg, Lulua River, Congo Belge.

LEMNISCOMYS STRIATUS MASSAICUS (Pagenstecher)

Mus (*Lemniscomys*) *barbarus* L. var. *massaicus* Pagenstecher, Jahrb. Hamburg. Wiss. Anstalt, Hamburg, 2: 45, 1885. Lake Naivasha, and Nguruman, Kenya Colony.

Arvicanthis pulchellus micropus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 9, 28 Feb. 1911. Rhino Camp, Lado Enclave.

Lemniscomys pulchellus spermophilus Heller, Smithsonian Misc. Coll., 59: no. 16, p. 11, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony. See Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 139 ,1919.

LEMNISCOMYS STRIATUS PULCHER (Wroughton)

Arvicanthis pulcher Wroughton, Ann. Mag. Nat. Hist. (7) 17: 378, Apl. 1906. Agoulerie, Anambra Creek, southern Nigeria.

LEMNISCOMYS STRIATUS VENUSTUS (Thomas)

Arvicanthis striatus venustus Thomas, Ann. Mag. Nat. Hist. (8) 7: 461, May 1911. Panyam, northern Nigeria, 4000 ft.

LEMNISCOMYS STRIATUS WROUGHTONI (Thomas)

Arvicanthis wroughtoni Thomas, Ann. Mag. Nat. Hist. (8) 5: 85, Jan. 1910. Nono, west of Addis Ababa, Abyssinia (= Ethiopia).

Lophuromys Peters

Lasiomys Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 409, pl., f. 5–8, 1866 (not of Burmeister, 1854). Genotype *Lasiomys afer* Peters = *Mus sikapusi* Temminck.

Lophuromys Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 234, 1874. Genotype *Lasiomys afer* Peters = *Mus sikapusi* Temminck. New name in place of *Lasiomys* Peters, not of Burmeister, 1854.

Lophuromys aquilus aquilus (True)

Mus aquilus True, Proc. U. S. Nat. Mus., 15: 460, text-f. 1, 26 Oct. 1892. Mt. Kilimanjaro, Tanganyika Territory, 8000 ft.

Lophuromys rubecula Dollman, Ann. Mag. Nat. Hist. (8) 4: 551, Dec. 1909. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

Lophuromys aquilus chrysopus Osgood

Lophuromys aquilus chrysopus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 242, 28 Dec. 1936. Allata, Sidamo, Ethiopia.

Lophuromys aquilus laticeps Thomas and Wroughton

Lophuromys laticeps Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 383, May 1907. Lake Kivu, Congo Belge, 4900 ft.

Lophuromys aquilus margarettæ Heller

Lophuromys aquilus margarettæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 7, 5 July 1912. Mt. Gargues, Mathews Range, Kenya Colony, 6000 ft.

Lophuromys aquilus zena Dollman

Lophuromys zena Dollman, Ann. Mag. Nat. Hist. (8) 4: 550, Dec. 1909. East side of Aberdare Range, near Nyeri, Kenya Colony, 9581 ft.

A recognizable race according to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 243, 28 Dec. 1936).

Lophuromys brevicaudus Osgood

Lophuromys brevicaudus Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 241, 28 Dec. 1936. Mt. Albasso, Chilalo Mts., Arusi, Ethiopia.

Lophuromys flavopunctatus flavopunctatus Thomas

Lophuromys flavo-punctatus Thomas, Proc. Zool. Soc. London, p. 14, footnote, June 1888. Shoa, Abyssinia; "type . . . probably obtained at Ankober, about 100 miles N. E. of Addis Ababa" (Thomas, Proc. Zool. Soc. London, for 1902, 2: 314, Apr. 1903).

LOPHUROMYS FLAVOPUNCTATUS BRUNNEUS Thomas

Lophuromys aquilus brunneus Thomas, Ann. Mag. Nat. Hist. (7) 18: 305, Oct. 1906. Manno, Jimma, Abyssinia, 4200 ft.

According to Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 240, 18 Dec. 1936) this is related only to *L. flavopunctatus* and is probably a synonym of *L. f. zaphiri.*

LOPHUROMYS FLAVOPUNCTATUS SIMENSIS Osgood

Lophuromys flavopunctatus simensis Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 238, 28 Dec. 1936. Ras Dashan (Mt. Geech), Simien Mts., northeastern Ethiopia.

LOPHUROMYS FLAVOPUNCTATUS ZAPHIRI Thomas

Lophuromys zaphiri Thomas, Ann. Mag. Nat. Hist. (7) 18: 304, Oct. 1906. Bodeli, Walamo, Abyssinia, 6200 ft.

Lophuromys flavopunctatus zaphiri Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 241, 28 Dec. 1936.

LOPHUROMYS LUTEOGASTER Hatt

Lophuromys luteogaster Hatt, Amer. Mus. Novitates, no. 708, p. 4, 4 Apl. 1934. Medje, Ituri district, Congo Belge.

LOPHUROMYS MAJOR Thomas and Wroughton

Lophuromys major Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 382, May 1907. Bwanda, Ubangi River, Congo Belge.

LOPHUROMYS NASO Thomas

Lophuromys naso Thomas, Ann. Mag. Nat. Hist. (8) 7: 381, Apl. 1911. Gaboon.

LOPHUROMYS NUDICAUDUS Heller

Lophuromys nudicaudus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 11, 28 Feb. 1911. Efulen, Bula Country, Cameroons.

LOPHUROMYS RITA Dollman

Lophuromys rita Dollman, Ann. Mag. Nat. Hist. (8) 5: 179, Feb. 1910. Lufupa River, Katanga, Congo Belge, 4000 ft.

LOPHUROMYS SIKAPUSI SIKAPUSI (Temminck)

Mus sikapusi Temminck, Esquisses Zool. sur la Côte de Guiné, p. 160, 1853. Dabacrom, Gold Coast.

Lasiomys afer Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 409, pl., f. 5–8, 1866. "Guinea."

Lophuromys tullbergi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 337, Oct. 1911 (new name for *Lophuromys afer* Tullberg, not Peters). Rio del Rey region, near coast of northern Cameroons.

LOPHUROMYS SIKAPUSI ANSORGEI De Winton
Lophuromys ansorgei De Winton, Proc. Zool. Soc. London, p. 607, pl. 27, Oct. 1896. Mumia's, Nyanza Province, Kenya Colony.

LOPHUROMYS SIKAPUSI MANTEUFELI Matschie
Lophuromys sikapusi manteufeli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 335, Oct. 1911. Mwanza, south coast of Victoria Nyanza, Tanganyika Territory.

LOPHUROMYS SIKAPUSI PYRRHUS Heller
Lophuromys pyrrhus Heller, Smithsonian Misc. Coll., 56: no. 17, p. 10, 28 Feb. 1911. Rhino Camp, Lado Enclave.

LOPHUROMYS WOOSNAMI WOOSNAMI Thomas
Lophuromys woosnami Thomas, Ann. Mag. Nat. Hist. (7) 18: 146, Aug. 1906; Thomas and Wroughton, Trans. Zool. Soc. London, 19: 512, pl. 24, lower f. (col.), Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

LOPHUROMYS WOOSNAMI PRITTIEI Thomas
Lophuromys prittiei Thomas, Ann. Mag. Nat. Hist. (8) 8: 377, Sep. 1911. Kigezi, Mfumbiro region, southwestern Uganda.

MALACOMYS A. Milne-Edwards

Malacomys A. Milne-Edwards, Bull. Soc. Philomathique, Paris, (6) 12: pt. 2, p. 10, 1877. Genotype *Malacomys longipes* Milne-Edwards.

Key to described forms: Hayman, R. W., Proc. Zool. Soc. London, for 1935, p. 932, 10 Jan. 1936.

MALACOMYS LONGIPES LONGIPES A. Milne-Edwards
Malacomys longipes A. Milne-Edwards, Bull. Soc. Philomathique, Paris, (6) 12: pt. 2, p. 10, 1877. Gaboon River.

MALACOMYS LONGIPES CENTRALIS De Winton
Malacomys centralis De Winton, Ann. Mag. Nat. Hist. (6) 19: 465, Apl. 1897. Monbuttu, Tingasi, Congo Belge.

MALACOMYS LONGIPES EDWARDSI Rochebrune
Malacomys edwardsi Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 87, 1885. Liberia, Mellacorée River.

MALACOMYS LONGIPES WILSONI Thomas
Malacomys wilsoni Thomas, Ann. Mag. Nat. Hist. (8) 18: 238, Aug. 1916. Inkongo, Congo Belge.

Mastomys Thomas. Multimammate Rats

Mastomys Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a subgenus of *Epimys* (=*Rattus*), type *Mus coucha* A. Smith.

Mastomys coucha coucha (A. Smith)

Mus coucha A. Smith, App. to Rept. Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, p. 43, 1836. Between Orange River and the Tropic, Bechuanaland.

Mastomys coucha blainei (Wroughton)

Mus blainei Wroughton, Ann. Mag. Nat. Hist. (7) 20: 502, Dec. 1907. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

A *Mastomys* (see Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 117, 11 Sep. 1935).

Mastomys coucha bradfieldi Roberts

Mastomys coucha bradfieldi Roberts, Ann. Transvaal Mus., 11: 257, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

Mastomys coucha ovamboensis Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926. Namutoni, Etosha Pan, Grootfontein district, (not Ovamboland), Southwest Africa.

Synonym of *M. c. bradfieldi* according to Thomas (Proc. Zool. Soc. London, p. 388, 12 July 1927).

Mastomys coucha cuninghamei (Wroughton)

Mus cuninghamei Wroughton, Ann. Mag. Nat. Hist. (8) 1: 256, Mar. 1908. Chivi Island, Lake Victoria, Kenya Colony.

Mastomys coucha durumæ (Heller)

Epimys coucha durumæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 9, 5 July 1912. Mazeras, Kenya Colony.

Mastomys coucha effectus (Dollman)

Epimys effectus Dollman, Ann. Mag. Nat. Hist. (8) 7: 524, May 1911. Lake Baringo, Kenya Colony.

Epimys evelyni Dollman, Ann. Mag. Nat. Hist. (8) 7: 526, May 1911. Lake Baringo, Kenya Colony, 4000 ft. Probably a synonym of *effectus* (see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 87, 1919).

Mastomys coucha erythroleucus (Temminck)

Mus erythroleucus Temminck, Esquisses Zool. sur la Côte de Guiné, p. 160, 1853. Guinea.

MASTOMYS COUCHA GAMBIANUS (Thomas)

Epimys gambianus Thomas, Ann. Mag. Nat. Hist. (8) 8: 122, July 1911. Gamon, French Gambia.

A synonym of *Mastomys c. erythroleucus* Temminck according to Wroughton, Ann. Mag. Nat. Hist. (8) 1: 256, Mar. 1908.

MASTOMYS COUCHA GARDULENSIS (Frick)

Epimys hildebranti (sic) *gardulensis* Frick, Ann. Carnegie Mus., 9: 18, 6 June 1914. Gardula, southern Abyssinia, 4000 ft.

MASTOMYS COUCHA HILDEBRANDTII (Peters)

Mus hildebrandtii Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ndi, Taita, Kenya Colony.

MASTOMYS COUCHA HUBERTI (Wroughton)

Mus huberti Wroughton, Ann. Mag. Nat. Hist. (8) 1: 255, Mar. 1908. Zungeru, northern Nigeria.

MASTOMYS COUCHA ISMAILIÆ (Heller)

Epimys concha (sic) *ismailiæ* Heller, Smithsonian Misc. Coll., 63: no. 7, p. 9, 24 June 1914. Gondokoro, Uganda.

MASTOMYS COUCHA ITIGIENSIS Hatt

Mastomys coucha itigiensis Hatt, Amer. Mus. Novitates, no. 791, p. 3, 11 Apl. 1935. Gwao's, near Itigi, Tanganyika Territory.

MASTOMYS COUCHA KOMATIENSIS Roberts

Mastomys coucha komatiensis Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Arnhemburg, Komati River, Transvaal.

MASTOMYS COUCHA LATERALIS (Heuglin)

Mus lateralis Heuglin, Reise in Nordost-Afrika, 2: 71, 1877. Dembea Province, Ethiopia.

Mus tacaziena Heuglin, Reise in Nordost-Afrika, 2: 72, 1877. Takazié River, Abyssinia.

Mastomys coucha lateralis Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 249, 28 Dec. 1936.

MASTOMYS COUCHA LIMPOPOENSIS (Roberts)

Mus limpopoensis Roberts, Ann. Transvaal Mus., 4: 183, 22 Aug. 1914. Sand River, northeastern Transvaal.

MASTOMYS COUCHA MACROLEPIS (Sundevall)

Mus macrolepis Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 218, 1843. Sennaar, Anglo-Egyptian Sudan.

Osgood (Zool. Ser. Field Mus. Nat. Hist., 20: 249, 28 Dec. 1936) treats this as a species distinct from *M. coucha*.

Mus limbatus Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sennaar, Anglo-Egyptian Sudan. A *Mastomys*, see Thomas and Hinton, Proc. Zool. Soc. London, p. 266, 6 July 1923; Bræstrup, F. W., Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 117, 11 Sep. 1935.

Mus kerensis Heuglin, Reise in Nordost-Afrika, 2: 67, 1877. Keren, Bogos country, Abyssinia, in dwellings.

Epimys azrek Wroughton, Ann. Mag. Nat. Hist. (8) 8: 460, Oct. 1911. Roseires, Blue Nile, Anglo-Egyptian Sudan. Based on a young specimen of *Mastomys c. macrolepis*.

MASTOMYS COUCHA MARIKQUENSIS (A. Smith)

Mus marikquensis A. Smith, App. Rept. Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, p. 43, 1836. "Country beyond Kurrichaine," Transvaal.

Mastomys coucha marikquensis Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926 (valid race).

Mus breyeri Roberts, Ann. Transvaal Mus., 5: 120, 28 Aug. 1915. Moorddrift, Waterberg district, Transvaal.

Mastomys coucha breyeri Roberts, Ann. Transvaal Mus., 11: 258, 14 Sep. 1926.

Mus socialis Roberts, Ann. Transvaal Mus., 4: 88, 20 Oct. 1913. Wonderfontein, Transvaal. Not *Mus socialis* Pallas.

Mastomys coucha sicialis Shortridge, Mamm. South West Africa, 1: 303, 1934 (misprint).

According to Roberts (Ann. Transvaal Mus., 11: 258, 14 Sep. 1926) this is a synonym of *M. c. marikquensis* (A. Smith).

MASTOMYS COUCHA MICRODON (Peters)

Mus microdon Peters, Reise nach Mossambique, Säugeth., p. 149, pl. 35, f. 5, 6; pl. 36, f. 1, 1852. Tette, Boror, Mozambique.

MASTOMYS COUCHA NATALENSIS (A. Smith)

Mus natalensis A. Smith, Illustr. Zool. South Africa, Mamm., pl. 47, f. 2, Oct. 1847. Port Natal, Natal.

Mus illovoensis Jentink, Zool. Jahrb., Syst., 28: 248, text-f. L, 15 Oct. 1909. Lower Illovo, Natal.

Mus coucha zuluensis Thomas and Schwann, Proc. Zool. Soc. London, 1: 268, 10 Aug. 1905. Umvolosi Station, Zululand, Natal.

Probably same as *M. c. microdon* (see Thomas and Wroughton, Proc. Zool. Soc. London, p. 546, 30 Oct. 1908), in which case *natalensis* supersedes.

MASTOMYS COUCHA NEUMANNI (Heller)

Epimys coucha neumani (sic) Heller, Smithsonian Misc. Coll., 59: no. 16, p. 8, 5 July 1912. Neumann's Boma, Northern Guaso Nyiro, Kenya Colony.

MASTOMYS COUCHA PALLIDA (Dollman)

Epimys coucha pallida Dollman, Abstr. Proc. Zool. Soc. London, no. 131, p. 25, 14 Apl. 1914; Proc. Zool. Soc. London, p. 314, 16 June 1914. Kamchuru, Lobor, Central Province, Uganda.

MASTOMYS COUCHA PANYA (Heller)

Epimys panya Heller, Smithsonian Misc. Coll., 56: no. 9, p. 2, pl. 2, 3 figs., 22 July 1910. Juja Farm, Athi Plains, Kenya Colony.

MASTOMYS COUCHA PEREGRINUS (De Winton)

Mus peregrinus De Winton, Proc. Zool. Soc. London, for 1897, p. 959, 1 Apl. 1898. Ras-el-Ain, Haha, Morocco.

For figure of skull, see Cabrera, A., Los mamíferos de Marruecos, in Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 270, text-f. 32, 30 Dec. 1932.

Mus calopus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 6: 365, July 1906. Mogador, Morocco.

MASTOMYS COUCHA SILACEUS (Wagner)

Mus silaceus Wagner, Arch. f. Naturgesch., 8: sect. 1, p. 11, 1842. Cape of Good Hope.

Mastomys coucha silaceus Roberts, Ann. Transvaal Mus., 11: 257, 14 Sep. 1926. A valid race from the Albany district, Cape of Good Hope.

MASTOMYS COUCHA TINCTUS (Hollister)

Rattus coucha tinctus Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 1, 16 Jan. 1918. Kaimosi, Kenya Colony.

MASTOMYS COUCHA UGANDÆ (De Winton)

Mus ugandæ De Winton, Ann. Mag. Nat. Hist. (6) 20: 317, Sep. 1897. Entebbe, Uganda.

Rattus somereni Kershaw, Ann. Mag. Nat. Hist. (9) 11: 594, May 1923. Kabaroni, Bukedi district, western foothills of Mt. Elgon, eastern Uganda, 7000 ft.

Range: Lado to northern Victoria Nyanza.

MASTOMYS COUCHA VICTORIÆ (Matschie)

Mus (Epimys) microdon victoriæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 342, Oct. 1911. Mwanza, Speke Gulf, Lake Victoria Tanganyika Territory.

Mastomys rufidorsalis (Heuglin)

Mus (?) *rufidorsalis* Heuglin, Reise in Nordost-Afrika, 2: 70, 1877. Simen and Wogara, Abyssinia. An *Arvicanthis* according to Trouessart (Cat. Mamm. Viv. Foss., Suppl., p. 375, 1904).

Muriculus Thomas

Muriculus Thomas, Proc. Zool. Soc. London, for 1902, 2: 314, Apl. 1903. Genotype *Mus imberbis* Rüppell.

Muriculus imberbis imberbis (Rüppell)

Mus imberbis Rüppell, Mus. Senckenbergianum, 3: 110, pl. 6, f. 4, 1842. Simen, Ethiopia, 3300 m.

Muriculus imberbis chilaloensis Osgood

Muriculus imberbis chilaloensis Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 245, 28 Dec. 1936. Mt. Albasso, northeastern Chilalo Mts., Arusi, Ethiopia.

Mus Linnæus. House Mice

Mus Linnæus, Syst. Nat., ed. 10, 1: 59, 1758. Genotype *Mus musculus* Linnæus.

Musculus Rafinesque, Precis d. Decouvertes Somiologiques, p. 13, 1814. Substitute for *Mus*.

Drymomys Tschudi, Fauna Peruana, Therologie, p. 178, pl. 13, f. 1, 1844. Genotype *Drymomys parvulus* Tschudi = *Mus musculus* Linnæus.

Mus musculus musculus Linnæus. House Mouse

Mus musculus Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. Sweden.

Mus orientalis Cretzschmar, Rüppell's Atlas z. d. Reise im Nördliche Afrika, p. 76, pl. 30a, 1826 (not of Desmarest, Nouv. Dict. d'Hist. Nat., ed. 2, 29: 59, 1819, which is *Mus striatus* Linnæus, 1758). Massawa, Ethiopia.

M[*us*] *modestus* Wagner, Arch. f. Naturg., 8: sect. 1, p. 14, 1842; Schreber's Säugthiere, Suppl., 3: 432, pl. 181A, 1843. Cape of Good Hope.

Mus vignaudii Demurs and Prevost, in Lefebvre's Voy. en Abyssinie, Atlas, Zool., pl. 5, f. 2, 1850. Abyssinia.

Mus pallesceus (sic) Heuglin, Reise in Nord-Ost Afrika, 2: 72, 1877. Northern Sennaar. Synonym of *Mus musculus orientalis* according to Thomas.

Mus musculus brevirostris Waterhouse

Mus brevirostris Waterhouse, Proc. Zool. Soc. London, p. 19, 21 Nov. 1837. Maldonado, Uruguay (introduced from Spain to Morocco).

Mus azoricus Schinz, Syst. Verzeichn. Säugeth., 2: 161, 1845. In insulis Azoricis.

[*Mus musculus*, var.] *flavescens* Lataste, Actes Soc. Linn. de Bordeaux, (4) 7 = 37: 21, 1883 (not of Fitzinger). Southern France.

Mus musculus brevirostris Trouessart, Cat. Mamm. Viv. Foss., ed. 2, p. 380, 1904. Cabrera, Trab. Mus. Nac. de Cienc. Nat., Madrid, zool. ser., no. 57, p. 255, 30 Dec. 1932.

Range: Northern Morocco.

MUS MUSCULUS FAR Cabrera

Mus musculus far Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-anniv. vol., p. 46, 1921. Mogador, Morocco.

MUS MUSCULUS GENTILIS Brants. White-bellied House Mouse

Mus gentilis Brants, Het Geslacht der Muizen, p. 126, 1827. Egypt and Nubia.

Mus musculus candidus Laurent, Bull. Soc. Sci. Nat. Moroc, 17: 1, 31 Mar. 1937. Berguent, eastern Morocco.

MUS BACTRIANUS LYNESI Cabrera

Mus spicilegus lynesi Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 430, 31 Dec. 1923. Tazarot, Yebala, northeastern Morocco.

Mus spicilegus (type locality Hungary) is but a race of *Mus bactrianus* (type locality Kandahar, Afghanistan).

MUS BACTRIANUS MOGREBINUS Cabrera

Mus spicilegus mogrebinus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 11: 555, Dec. 1911. Tagüidert, Hahá Province, Morocco.

MUS BACTRIANUS RIFENSIS Cabrera

Mus spicilegus rifensis Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 23: 431, 31 Dec. 1923. Melilla, eastern Rif, Morocco.

MYLOMYS Thomas

Mylomys Thomas, Ann. Mag. Nat. Hist. (7) 18: 224, Sep. 1906. Genotype *Mylomys cuninghamei* Thomas.

MYLOMYS ALBERTI Thomas

Mylomys alberti Thomas, Ann. Mag. Nat. Hist. (8) 16: 148, Aug. 1915. Poko, upper Uele River, Congo Belge.

MYLOMYS CHRISTYI Thomas

Mylomys christyi Thomas, Ann. Mag. Nat. Hist. (8) 20: 362, Nov. 1917. Mt Baginzi, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

MYLOMYS CUNINGHAMEI CUNINGHAMEI Thomas

Mylomys cuninghamei Thomas, Ann. Mag. Nat. Hist. (7) 18: 225, Sep. 1906. East of Aberdare Mts., Kenya Colony, 4480 ft.

Probably the various described "species" are all geographic races of this.

MYLOMYS CUNINGHAMEI LOWEI Hayman

Mylomys cuninghamei lowei Hayman, Proc. Zool. Soc. London, for 1935, p. 934, 10 Jan. 1936. Wenchi, Ashanti, Gold Coast.

MYLOMYS CUNINGHAMEI MASSAICUS Lönnberg

Mylomys cunninghamei (sic) *massaicus* Lönnberg, Arkiv f. Zool., 10: no. 12, p. 8, 19 May 1916. Donya Sabuk, Kenya Colony.

MYLOMYS LUTESCENS Thomas

Mylomys lutescens Thomas, Ann. Mag. Nat. Hist. (8) 16: 149, Aug. 1915. Nalasanji, southwestern Uganda, 5000 ft.

MYLOMYS ROOSEVELTI (Heller)

Pelomys roosevelti Heller, Smithsonian Misc. Coll., 54: no. 1924, p. 1, pl. 1, a, 28 Feb. 1910. Nzoia River, Guas Ngishu Plateau, Kenya Colony.

Mylomys roosevelti Thomas, Ann. Mag. Nat. Hist. (8) 20: 363, Nov. 1917.

MYOMYS Thomas

Myomys Thomas, Ann. Mag. Nat. Hist. (8) 16: 477, Dec. 1915. As a subgenus of *Epimys* (=*Rattus*), type *Epimys colonus* (A. Smith) = *Mus colonus* Brants.

MYOMYS ALBIPES ALBIPES (Rüppell)

Mus albipes Rüppell, Mus. Senckenbergianum, 3: 107, pl. 6, f. 2, 1842. Massawa, Abyssinia (=Ethiopia).

Epimys rufidorsalis ankoberensis Frick, Ann. Carnegie Mus., 9: 18, 6 June 1914. Ankober, Shoa, Abyssinia, 7500 ft.

Probably a synonym of *Myomys albipes* (see Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 250, 28 Dec. 1936).

Epimys rufidorsalis alettensis Frick, Ann. Carnegie Mus., 9: 17, 6 June 1914. Aletta, Sidamo, southern Abyssinia, 6000 ft.

Probably a synonym of *Myomys albipes* (see Osgood, Zool. Ser. Field Mus. Nat. Hist., 20: 250, 28 Dec. 1936).

MYOMYS ALBIPES FUSCIROSTRIS (Wagner)

Mus fuscirostris Wagner, Arch. f. Naturgesch., 11: sect. 1, p. 149, 1845. Sennaar, Anglo-Egyptian Sudan.

Mus albipes fuscirostris Trouessart, Cat. Mamm. Viv. Foss., pt. 3, p. 481, 1897.

MYOMYS ANGOLENSIS (Bocage)
Mus angolensis Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 12, Sep. 1890. Capangombe, interior of Mossamedes, Angola.

MYOMYS AVUNCULUS AVUNCULUS (Thomas)
Mus avunculus Thomas, Ann. Mag. Nat. Hist. (7) 13: 417, June 1904. Pungo Andongo, Angola.
Æthomys avunculus Hill and Carter, Amer. Mus. Novitates, no. 913, p. 3, 8 Mar. 1937.

MYOMYS AVUNCULUS PHIPPSI (Hill and Carter)
Æthomys avunculus phippsi Hill and Carter, Amer. Mus. Novitates, no. 913, p. 3, f. 2, 8 Mar. 1937. Humpata, Angola, 6300 ft.

MYOMYS BROCKMANI (Thomas)
Mus brockmani Thomas, Ann. Mag. Nat. Hist. (7) 18: 298, Oct. 1908. Upper Sheikh, British Somaliland.

MYOMYS COLONUS COLONUS (Brants)
Mus colonus Brants, Het Geslacht der Muizen, p. 124, 1827. Algoa Bay, South Africa, Cape of Good Hope.

MYOMYS COLONUS SHORTRIDGEI St. Leger
Myomys shortridgei St. Leger, Proc. Zool. Soc. London, p. 411, 30 June 1933. Okavango-Omatako junction, Grootfontein district, Southwest Africa.

MYOMYS DALTONI DALTONI (Thomas)
Mus daltoni Thomas, Ann. Mag. Nat. Hist. (6) 10: 181, Aug. 1892. West Africa, probably the Island of Fernando Po.

MYOMYS DALTONI SATURATUS Ingoldby
Myomys daltoni saturatus Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 520, May 1929. Near Kintampo, northern Ashanti, Gold Coast.

MYOMYS FUMATUS FUMATUS (Peters). Rock Rat
Mus fumatus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 200, 1878. Ukamba, Kenya Colony.
Rattus fumatus fumatus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 82, 1919 (with notes on the type and synonymy).
Mus niveiventris Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 12, 16 Feb. 1910. Voi, Kenya Colony.
Epimys niveiventris ulæ Heller, Smithsonian Misc. Coll., 56: no. 9, p. 3, pl. 2, 3 figs., 22 July 1910. Ulukenia Hills, Kenya Colony.

MYOMYS FUMATUS SUBFUSCUS (Osgood)
Mus niveiventris subfuscus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 12, 16 Feb. 1910. Lake Elmenteita, Kenya Colony.

MYOMYS FUMATUS TANA (True)

Mus tana True, Proc. U. S. Nat. Mus., 16: 602, 25 Oct. 1893. Tana River, between the coast and Hameye, Kenya Colony.

On the status of this rat see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 86, 1919.

MYOMYS GRANTI (Wroughton)

Mus granti Wroughton, Ann. Mag. Nat. Hist. (8) 1: 257, Mar. 1908. Deelfontein, Cape of Good Hope.

MYOMYS PERNANUS (Kershaw)

Rattus pernanus Kershaw, Ann. Mag. Nat. Hist. (9) 8: 568, Nov. 1921. Amala (or Mara) River, rising in the Sotik, Kenya Colony, and entering Lake Victoria at 1° 30′ S.

MYOMYS VERROXII (A. Smith)

Mus verroxii A. Smith, South African Quart. Journ., 2: 156, 1834. Near Cape Town, Cape of Good Hope.

Mus verreauxi W. L. Sclater, Mamm. South Africa, 2: 45, 1901 (emendation).

NESOKIA Gray. Bandicoots

Nesokia Gray, Ann. Mag. Nat. Hist. (1) 10: 264, Dec. 1842. Genotype *Mus hardwickii* Gray, = *Arvicola indica* Gray and Hardwicke. (See Thomas, Ann. Mag. Nat. Hist. (7) 20: 203, Sep. 1907.)

Nesocia Blanford, Mamm. British India, p. 421, 1891, emendation.

NESOKIA SUILLA Thomas

Nesokia suilla Thomas, Ann. Mag. Nat. Hist. (7) 20: 203, Sep. 1907. Shaluf, Suez, Egypt.

Nesokia bacheri Anderson and De Winton, Zool. Egypt, Mamm., p. 286, pl. 50, 1902 (in part).

Range: Lower Egypt, west to Fayum and extreme west of the delta.

NILOPEGAMYS Osgood

Nilopegamys Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 12: 185, 21 Nov. 1928. Genotype *Nilopegamys plumbeus* Osgood.

NILOPEGAMYS PLUMBEUS Osgood. Water Rat

Nilopegamys plumbeus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 12: 185, pl. 15, text-f. 1 (skull), 21 Nov. 1928. Tributary of Little Abbai, between Sakalla and Njabarra, Gojjam, Abyssinia, 8500 ft.

Ochromys Thomas

Ochromys Thomas, Ann. Mag. Nat. Hist. (9) 5: 142, Jan. 1920. Genotype *Mus woosnami* Schwann.

Ochromys woosnami (Schwann)

Mus woosnami Schwann, Proc. Zool. Soc. London, 1: 108, pl. 6, 7 June 1906. Molopo, Bechuanaland.

Oenomys Thomas. Rufous-nosed Rats

Oenomys Thomas, Ann. Mag. Nat. Hist. (7) 13: 416, June 1904. Genotype *Mus hypoxanthus* Pucheran.

Aenomys Kershaw, Revue Zool. Africaine, 11: 365, 27 Dec. 1923; misprint for *Oenomys*.

See Thomas and Wroughton, Trans. Zool. Soc. London, 19: 510, Mar. 1910, for key.

Oenomys hypoxanthus hypoxanthus (Pucheran)

Mus hypoxanthus Pucheran, Revue et Mag. de Zool. (2) 7: 206, Apl. 1855. Gaboon.

Mus rufinus Matschie, Deutsch-Ost-Afrika, 3: pt. 1, Säugeth., p. 52, 1895, not of Temminck, 1855. Ukondjo, Tanganyika.

Oenomys hypoxanthus anchietæ (Bocage)

Mus anchietæ Bocage, Jorn. Sci. Math., Phys. e Nat., Lisboa, (2) 2: 11, pl., f. 3, 3a, Sep. 1890 (the description of the male only). Ambacca, Angola.

Oenomys hypoxanthus bacchante (Thomas)

Mus hypoxanthus bacchante Thomas, Ann. Mag. Nat. Hist. (7) 12: 342, Sep. 1903. Nandi Station, edge of Nandi Escarpment, Kenya Colony (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 64, 1919).

Oenomys bacchante mærens Thomas, Ann. Mag. Nat. Hist. (8) 7: 379, Apl. 1911. Solai, west slope of Mt. Kenya, Kenya Colony, 8000 ft. Probably an aberrant individual of *Oe. h. bacchante*.

Oenomys oris Thomas, Ann. Mag. Nat. Hist. (8) 7: 380, Apl. 1911. Mt. Kinangop, Aberdare Range, Kenya Colony, 11,000 ft. (Probably based on an unusually large individual.)

Oenomys hypoxanthus editus Thomas and Wroughton

Oenomys bacchante editus Thomas and Wroughton, Trans. Zool. Soc. London, 19: 509, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda. According to Hollister, may be indistinguishable from *Oe. h. unyori*.

Oenomys hypoxanthus unyori (Thomas)

Mus hypoxanthus unyori Thomas, Ann. Mag. Nat. Hist. (7) 12: 342, Sep. 1903. Fadjas on Victoria Nile, Unyoro.

Mus unyoroi Trouessart, Cat. Mamm. Viv. Foss., ed. 2, p. 375, 1904.

Oenomys hypoxanthus vallicola Heller

Oenomys hypoxanthus vallicola Heller, Smithsonian Misc. Coll., 63: no. 7, p. 11, 24 June 1914. Lake Naivasha, Kenya Colony.

Oenomys bacchante vallicola Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 66, 1919.

Oenomys ornatus Thomas

Oenomys ornatus Thomas, Ann. Mag. Nat. Hist. (8) 7: 378, Apl. 1911. Bibianaha, near Dunkwa, Gold Coast.

Pelomys Peters. Creek Rats

Pelomys Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 275, May 1852 (as a subgenus of *Mus*); Reise nach Mossambique, Säugeth., p. 157, pl. 33, f.3; pl. 35, f.9, 1852 (as a genus). Type species *Mus* (*Pelomys*) *fallax* Peters.

Subgenus Pelomys Peters

Pelomys campanæ (Huet)

Golunda campanæ Huet, Le Naturaliste (2) 10: no. 31, p. 143, text-f. 1–3, 15 June 1888. Landana, west coast of Angola.

Pelomys dybowskii (Pousargues)

Golunda dybowskii Pousargues, Bull. Soc. Zool. de France, 18: 163, 1893. Kemo River, French Congo, 6° 17′ N., 17° 15′ E.

Pelomys fallax fallax (Peters)

Mus (*Pelomys*) *fallax* Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 275, May 1852. Caya district, Zambesi River, and Boror, Licuare River, Mozambique.

Pelomys fallax australis Roberts

Pelomys australis Roberts, Ann. Transvaal Mus., 4: 90, 20 Oct. 1913. Mazambeti, Beira, Mozambique.

Pelomys fallax concolor Heller

Pelomys fallax concolor Heller, Smithsonian Misc. Coll., 59: no. 16, p. 13, 5 July 1912. Kiduha, Lake Mutanda, Uganda.

PELOMYS FALLAX INSIGNATUS Osgood

Pelomys fallax insignatus Osgood, Ann. Mag. Nat. Hist. (8) 5: 276, Mar. 1910. Fort Hill, northern Nyasaland.

PELOMYS FALLAX IRIDESCENS Heller

Pelomys fallax iridescens Heller, Smithsonian Misc. Coll., 59: no. 16, p. 12, 5 July 1912. Mt. Mbololo, Taita Mts., Kenya Colony.

PELOMYS FALLAX RHODESIÆ Roberts

Pelomys fallax rhodesiæ Roberts, Ann. Transvaal Mus., 13: 118, 6 July 1929. Machile River, northwestern Rhodesia.

PELOMYS FRATER Thomas

Pelomys frater Thomas, Ann. Mag. Nat. Hist. (7) 13: 415, June 1904. Braganza, Angola.

PELOMYS LULUÆ Matschie

Pelomys luluæ Matschie, Zeitschr. f. Säugetierk., 1: 113, 24 Dec. 1926. Ditapa, near Luluabourg, Lulua River, Congo Belge.

Subgenus KOMEMYS de Beaux

Komemys de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 51: 207, 12 Apl. 1924. Genotype *Komemys isseli* de Beaux.

According to Hatt (Amer. Mus. Novitates, no. 790, p. 4, 10 Apl. 1935) this "cannot at best be considered more than a subgenus."

PELOMYS ISSELI (de Beaux)

Komemys isseli de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, 51: 207, 12 Apl. 1924. Kome Island, Lake Victoria, Uganda.

PELOMYS MINOR Cabrera and Ruxton

Pelomys minor Cabrera and Ruxton, Ann. Mag. Nat. Hist. (9) 17: 601, May 1926. St. Joseph de Luluabourg, Congo Belge.

Pelomys (*Komemys*) *minor* Hatt, Amer. Mus. Novitates, no. 790, p. 4, 10 Apl. 1935.

PRAOMYS Thomas. Short-haired Rats

Praomys Thomas, Ann. Mag. Nat. Hist. (8) 15: 477, Dec. 1915. As a subgenus of *Epimys* (=*Rattus*), type *Epimys tullbergi* Thomas.

Redefined as a more circumscribed genus in Ann. Mag. Nat. Hist. (9) 17: 178, Jan. 1926, with list of included species.

PRAOMYS JACKSONI JACKSONI (De Winton)
Mus jacksoni De Winton, Ann. Mag. Nat. Hist. (6) 20: 318, Sep. 1897. Entebbe, Uganda.

PRAOMYS JACKSONI DELECTORUM (Thomas)
Epimys delectorum Thomas, Ann. Mag. Nat. Hist. (8) 6: 430, Oct. 1910. Mlanji Plateau, southern Nyasaland, 5500 ft.

PRAOMYS JACKSONI MELANOTUS G. M. Allen and Loveridge
Praomys tullbergi melanotus G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 106, Feb. 1933. Nyamwanga, Poroto Mts., northwest end of Lake Nyasa, Tanganyika Territory.

PRAOMYS JACKSONI MINOR Hatt
Praomys jacksoni minor Hatt, Amer. Mus. Novitates, no. 708, p. 11, 4 Apl. 1934: Lukolela, middle Congo, Congo Belge.

PRAOMYS JACKSONI MONTIS (Thomas and Wroughton)
Mus jacksoni montis Thomas and Wroughton, Trans. Zool. Soc. London, 19: 503, Mar. 1910. Mubuku Valley, Ruwenzori East, Uganda, 6000 ft.

PRAOMYS JACKSONI PEROMYSCUS (Heller)
Mus peromyscus Heller, Smithsonian Misc. Coll., 52: 472, pl. 56, fig. b, 13 Nov. 1909. Njoro O Nyiro, Sotik, Kenya Colony.
Rattus tullbergi peromyscus Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 77, 1919.

PRAOMYS JACKSONI VIATOR (Thomas)
Epimys jacksoni viator Thomas, Ann. Mag. Nat. Hist. (8) 7: 461, May 1911. Panyam, northern Nigeria, 4000 ft.

PRAOMYS MORIO (Trouessart)
Mus maura Gray, Proc. Zool. Soc. London, p. 181, Sep. 1862 (not *Mus maurus* Waterhouse; not Tullberg). Cameroon Mountains, Cameroons, 7000 ft.
Mus morio Trouessart, Bull. Soc. d'Etudes Sci., Angers, 10: 121, 1881. Cameroon Mts., Cameroons.
New name for *Mus maurus* Gray, not Waterhouse.

PRAOMYS TAITÆ (Heller)
Epimys taitæ Heller, Smithsonian Misc. Coll., 59: no. 16, p. 9, 5 July 1912. Mt. Mbololo, Taita Hills, Kenya Colony, 5000 ft.

PRAOMYS TULLBERGI TULLBERGI (Thomas)
Mus burtoni Thomas, Ann. Mag. Nat. Hist. (6) 10: 182, Aug. 1892. Ankober River, Wasa, Ashanti. Not *Mus burtoni* Ramsay, 1887, an Australian species.

Mus tullbergi Thomas, Ann. Mag. Nat. Hist. (6) 13: 205, Feb. 1894. New name for *Mus burtoni* Thomas, not Ramsay, 1887.

A species distinct from *P. jacksoni* (see Hatt, R. T., Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934).

PRAOMYS TULLBERGI LUKOLELÆ Hatt

Praomys tullbergi lukolelæ Hatt, Amer. Mus. Novitates, no. 708, p. 13, 4 Apl. 1934. Lukolela, middle Congo, Congo Belge.

PRAOMYS TULLBERGI ROSTRATUS (Miller)

Mus tullbergi rostratus Miller, Proc. Washington Acad. Sci., 2: 637, 28 Dec. 1900. Mount Coffee, Liberia.

RATTUS Fischer. Typical Rats

Ruttus (misprint for *Rattus*) Fischer, National-mus. Naturg. Paris, 2: 128, 1803. Genotype *Mus norvegicus* Erxleben.

See Hollister, N., Proc. Biol. Soc. Washington, 29: 126, 6 June 1916, as to genotype.

Subgenus EPIMYS Trouessart. Roof Rats

Epimys Trouessart, Cat. Mamm. Viv. et Foss., in Bull. Soc. d'Études Sci. d'Angers, 10: 117, 1881. Subgenus of *Mus;* type *Mus rattus* Linnæus.

RATTUS AURATUS (G. Grandidier)

Mus auratus G. Grandidier, Bull. Mus. National d'Hist. Nat. Paris, (1) 5: 277, 1899. Near Morondava, west coast of Madagascar.

Probably an introduced rat of the *Rattus rattus* group.

RATTUS RATTUS RATTUS (Linnæus). Black Rat

Mus rattus Linnæus, Syst. Nat., ed. 10, 1: 61, 1758. Sweden.

Mus tectorum var. *fuliginosus* Bonaparte, Iconogr. Fauna Ital., 1: fasc. 3, pl. 22, f. 1, 1833. Italy.

Rattus domesticus Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 56: pt. 1, p. 64, 1867. Germany. Lists also the varieties *fuscus, varius, fulvaster, albus* and *ater,* now regarded as synonyms.

Mus rattus ater Millais, Zoologist, (4) 9: 205, pl. 4, 15 June 1905. London, England.

Range: Introduced (?) in Morocco (see Laurent, P., Bull. Soc. Hist. Nat. de l'Afrique du Nord, 27: 165–172, May 1936); or may be a melanistic variant of the native *R. r. alexandrinus.*

RATTUS RATTUS ALEXANDRINUS (E. Geoffroy and Audouin). Alexandrine Rat

Mus alexandrinus E. Geoffroy and Audouin, Description de l'Egypte, 2: 733, Atlas, pl. 5, f. 1, 1829. Alexandria, Egypt.

Mus alexandrinus var. *Mus tettensis* Peters, Reise nach Mossambique, Säugeth., p. 156, 1852. Tette, Mozambique.

Doubtless a synonym of one of the introduced races of *Rattus rattus*.

Mus samharensis Heuglin, Reise in Nordost-Afrika, 2: 67, 1877. Mekulu, inland from Massawa, Eritrea, a house rat. =*Rattus alexandrinus?*

RATTUS RATTUS FRUGIVORUS (Rafinesque). Cream-bellied House Rat

Musculus frugivorus Rafinesque, Précis des Découvertes et Travaux Somiologiques, p. 13, 1814. Sicily. Probably originally from northwestern India, Indus Valley (see Schwarz, E., Nature, London, 133: 573, 14 Apl. 1934; Proc. Zool. Soc. London, p. 723–726, 1934).

Mus flavigaster Heuglin, Nova Acta Akad. Cæs. Leop.-Carol., Halle, 20: no. 10, p. 4, pl. 2, fig. 2, 1861. Error for *Mus flaviventris* as shown by reference.

RATTUS RATTUS RUFESCENS (Gray)

Mus rufescens Gray, Charlesworth's Mag. Nat. Hist., 1: 585, Nov. 1837. India.

Introduced on Zanzibar (see Schwarz, E., Nature, London, 133: 573, 14 Apl. 1934).

RATTUS RATTUS KIJABIUS (J. A. Allen)

Mus kijabius J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 169, 19 Mar. 1909. Kijabe, Kenya Colony. This rat may have been introduced from India; specimens are "to a certain extent intermediate in color between" *R. r. rattus* and *R. r. alexandrinus* (Hollister, N., Bull. U.S. Nat. Mus., no. 99, pt. 2, p. 68, 1919).

Mus (Epimys?) muansæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 340, Oct. 1911. Mwanza, on Lake Victoria, Tanganyika Territory.

Mus (Epimys) rattiformis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 98, Apl. 1915. Amani, Usambara, Tanganyika Territory.

Epimys jujensis Lönnberg, Arkiv f. Zool., 10: no. 12, p. 10, 19 May 1916. Juja Farm, Kenya Colony. See Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 68, 1919.

RATTUS RATTUS NERICOLA Cabrera

Rattus rattus nericola Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-anniv. vol., p. 54, 1921. Wad Saf-saf, lower Muluya, Morocco.

Range: Northern Morocco, Yebala and the Rif.

RATTUS RATTUS SUEIRENSIS Cabrera

Rattus rattus chionogaster Cabrera, Real Soc. Española Hist. Nat., Madrid, 50th-anniv. vol., p. 51, 1921. Mogador, Morocco. Not *Epimys* (=*Rattus*) *chionogaster* Lönnberg and Mjöberg, 1916, an Australian species.

Rattus rattus sueirensis Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 21: 159, 25 July 1921. Environs of Mogador, Morocco. New name for *Rattus rattus chionogaster* Cabrera, not Lönnberg and Mjöberg.

Rattus rattus wroughtoni Hinton

Rattus rattus wroughtoni Hinton, Journ. Bombay Nat. Hist. Soc., 26: 384, 20 May 1919. Coonoor, Nilgiri Hills, India. Introduced into Zanzibar (see Schwarz, E., Nature, London, 133: 573, 14 Apl. 1934).

Subgenus Rattus Fischer. Brown Rats

Rattus norvegicus norvegicus (Berkenhout). Norway Rat

Mus norvegicus Berkenhout, Outl. Nat. Hist. Great Britain, 1: 5, 1769. Norway.

Mus norvegicus Erxleben, Syst. Regn. Anim., 1: 381, 1777. Norway.

Mus decumanus Pallas, Novæ Spec. Quadrup. e Glir. Ord., p. 91, 1778. "Cum alis Indiarum noxis in Europeam . . . invecta."

Mus surmulottus Severinus, Tentamen Zool. Hungar., p. 73, 1779.

Mus hibernicus Thompson, Proc. Zool. Soc. London, p. 52, 20 Dec. 1837, Rathfriland, County Down, Ireland.

Mus leucosternum Rüppell, Mus. Senckenbergianum, 3: 108, pl. 7, f. 2, 1842. Massawa, Eritrea, in houses.

See Mertens, R., Senckenbergiana, 7: 25, 12 Feb. 1925.

Mus decaryi G. Grandidier, Bull. Mus. National d'Hist. Nat. Paris, (2) 6: 478, text-f. 1–3, Nov. 1934. Two or three kilometers from Tamatave, Madagascar. This is apparently an individual of *Rattus norvegicus* (Berkenhout).

Introduced in the Nile Valley to Khartoum (Flower, S.S., Proc. Zool. Soc. London, p. 410, 8 July 1932); also in Fernando Po (Cabrera, A., Mem. Real Soc. Española Hist. Nat., Madrid, 16: 87, 10 July 1929).

Rhabdomys Thomas. Four-striped Grass Mice

Rhabdomys Thomas, Ann. Mag. Nat. Hist. (8) 18: 69, July 1916. Genotype *Mus pumilio* Sparrman.

Review: Wroughton, R. C., Notes on the various forms of *Arvicanthis pumilio* Sparrm. Ann. Mag. Nat. Hist. (7) 16: 629–639, Dec. 1905.

Rhabdomys pumilio pumilio (Sparrman)

Mus pumilio Sparrman, Kungl. Svenska Vet.-Akad. Handl., Stockholm, p. 236, pl. 6, 1784. Sitzicamma forest, on Snake River, east of Cape of Good Hope.

Mus donavani (sic) Lesson, Manuel de Mammalogie, p. 268, 1827 (based on Donovan, Mag. du Naturaliste, pt. 26). Cape of Good Hope.

M[us] pumilio var. *major* Brants, Het Geslacht der Muizen, p. 105, 1827. Based on account in Desmarest's Mammalogie; inland from Cape of Good Hope.

Mus lineatus F. Cuvier, Hist. Nat. des Mammifères, pl. 161 and text, 1829.

M[us] vittatus Wagner, Arch. f. Naturg., 8: sect. 1, p. 11, 1842. Cape of Good Hope.

Mus septemvittatus Schinz, Syst. Verzeichn. d. Säugeth., 2: 155, 1845. Cape of Good Hope.

Rhabdomys pumilio angolæ (Wroughton)

Arvicanthis pumilio angolæ Wroughton, Ann. Mag. Nat. Hist. (7) 16: 636, Dec. 1905. Caconda, Angola, 4700 ft.

Rhabdomys pumilio bechuanæ (Thomas)

Isomys p[umilio] bechuanæ Thomas, Proc. Zool. Soc. London, for 1892, p. 551, Apl. 1893. Bechuanaland; but Shortridge (Mamm. South West Africa, 1: 280, 1934), considers it advisable to fix the type locality as Rooibank, near Walvis Bay, Southwest Africa.

Rhabdomys pumilio namibensis Roberts, Ann. TransvaalMus., 11: 255, 14 Sep. 1926. Swakopmund, Southwest Africa. Shortridge (Mamm. South West Africa, 1: 280, 1934) regards this as a synonym of *R. p. bechuanæ*.

Rhabdomys pumilio chakæ (Wroughton)

Arvicanthis pumilio chakæ Wroughton, Ann. Mag. Nat. Hist. (7) 16: 636, Dec. 1905. Sibudeni, Zululand, Natal.

Rhabdomys pumilio cinereus (Thomas and Schwann)

Arvicanthis pumilio cinereus Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 5, 9 Feb. 1904; Proc. Zool. Soc. London, p. 179, 9 June 1904. Klipfontein, Namaqualand, Cape of Good Hope.

Rhabdomys pumilio dilectus (De Winton)

Arvicanthis pumilio dilectus De Winton, Proc. Zool. Soc. London, for 1896, p. 803, Apl. 1897. Mazoe, Mashonaland, Southern Rhodesia.

Rhabdomys pumilio diminutus (Thomas)

Isomys pumilio diminutus Thomas, Proc. Zool. Soc. London, for 1892, p. 551, Apl. 1893. Mianzini, east of Lake Naivasha, Kenya Colony.

Rhabdomys pumilio griquæ (Wroughton)

Arvicanthis pumilio griquæ Wroughton, Ann. Mag. Nat. Hist. (7) 16: 632, Dec. 1905. Kuruman, Bechuanaland.

Arvicanthis pumilio deserti Dollman, Ann. Mag. Nat. Hist. (8) 6: 399, Oct. 1910. Lchutitung, Kalahari, Bechuanaland, 3000 ft.

Rhabdomys pumilio intermedius (Wroughton)

Arvicanthis pumilio intermedius Wroughton, Ann. Mag. Nat. Hist. (7) 16: 635, Dec. 1905. Deelfontein, Cape of Good Hope.

RHABDOMYS PUMILIO MERIDIONALIS (Wroughton)
Arvicanthis pumilio meridionalis Wroughton, Ann. Mag. Nat. Hist. (7) 16: 632, Dec. 1905. Tokai Retreat, Cape Town, Cape of Good Hope.

RHABDOMYS PUMILIO MOSHESH (Wroughton)
Arvicanthis pumilio moshesh Wroughton, Ann. Mag. Nat. Hist. (7) 16: 638, Dec. 1905. Maseru, Basutoland, Cape of Good Hope, 5000 ft.

RHABDOMYS PUMILIO NYASÆ (Wroughton)
Arvicanthis pumilio nyasæ Wroughton, Ann. Mag. Nat. Hist. (7) 16: 639, Dec. 1905. Mlanje Plateau, Nyasaland, 6000 ft.

STENOCEPHALEMYS Frick. Narrow-headed Rat

Stenocephalemys Frick, Ann. Carnegie Mus., 9: 7, 6 June 1914. Genotype *Stenocephalemys albocaudata* Frick.

STENOCEPHALEMYS ALBOCAUDATA Frick
Stenocephalemys albocaudata Frick, Ann. Carnegie Mus., 9: 8, pl. 1, f. 1–5; pl. 2, f. 1–5, 6 June 1914. Inyala Camp, Chilalo Mts., southern Abyssinia.

STOCHOMYS Thomas

Stochomys Thomas, Ann. Mag. Nat. Hist. (9) 17: 176, Jan. 1926. Genotype *Dasymys longicaudatus* Tullberg.

STOCHOMYS LONGICAUDATUS LONGICAUDATUS (Tullberg). Bristly Rat
Mus hypoleucus Pucheran, Revue et Mag. de Zool. (2) 7: 206, Apl. 1855. Gaboon.

Not *Mus hypoleucus* Sundevall; according to Trouessart (Cat. Mamm. Viv. Foss., ed. 1, pt. 2, p. 485, 1897) this is the same as *Dasymys longicaudatus* Tullberg = a *Stochomys*.

D[asymys] longicaudatus Tullberg, Nova Acta Reg. Soc. Sci. Upsala, (3) 16: art. 12, p. 36, pl. 2, f. 39–46; pl. 3, f. 5, 48, 49; pl. 4, f. 10, 1893. Cameroons.

Mus sebastianus De Winton, Ann. Mag. Nat. Hist. (6) 19: 463, Apl. 1897. Efulen, Cameroons.

STOCHOMYS LONGICAUDATUS ITURICUS (Thomas)
Epimys longicaudatus ituricus Thomas, Ann. Mag. Nat. Hist. (8) 16: 149, Aug. 1915. Upper Ituri River, Congo Belge.

Thallomys Thomas. White-bellied Tree Rats

Thallomys Thomas, Ann. Mag. Nat. Hist. (9) 5: 141, Jan. 1920. Genotype *Mus nigricauda* Thomas.

See Thomas, O., and Hinton, M. A. C., Proc. Zool. Soc. London, p. 493, 3 Sep. 1923, for key to then-known forms.

Thallomys damarensis damarensis (De Winton). Damara Tree-rat

Mus damarensis De Winton, Ann. Mag. Nat. Hist. (6) 19: 349, Mar. 1897. Damaraland (perhaps the Grootfontein-Okavango region, specimens from which most nearly match the type, according to Shortridge, Mamm. South West Afr., 1: 270, footnote, 1934).

Thallomys damarensis herero Thomas

Thallomys herero Thomas, Proc. Zool. Soc. London, p. 303, 29 Apl. 1926. Ondongwa, Ovamboland, Southwest Africa.

Thallomys damarensis rhodesiæ (Osgood)

Mus damarensis rhodesiæ Osgood, Ann. Mag. Nat. Hist. (8) 5: 277, Mar. 1910. Petauke, East Loangwa district, Northern Rhodesia.

Thallomys damarensis scotti Thomas and Hinton

T[hallomys] scotti Thomas and Hinton, Proc. Zool. Soc. London, p. 493, 494, 3 Sep. 1923. Yata Plains, east of Thika River where it joins the Tana, Kenya Colony, 4000 ft.

Range: Eastern Kenya Colony to Dodoma, Tanganyika Territory.

Thallomys damarensis stevensoni Roberts

Thallomys stevensoni Roberts, Ann. Transvaal Mus., 15: 269, 1 Aug. 1933. Bembesi, 30 miles north of Bulawayo, Southern Rhodesia.

Thallomys moggi moggi (Roberts)

Mus moggi Roberts, Ann. Transvaal Mus., 4: 85, 20 Oct. 1913. Zoutpan, Pretoria district, Transvaal.

For Ernest Mogg.

Thallomys moggi acaciæ (Roberts)

Mus moggi acaciæ Roberts, Ann. Transvaal Mus., 5: 120, 28 Aug. 1915. Woodbush, and Moorddrift, Transvaal.

Thallomys moggi lebomboensis Roberts

Thallomys moggi lebomboensis Roberts, Ann. Transvaal Mus., 14: 234, 28 July 1931. Mkuzi River, Ubombo, northern Zululand, Natal.

THALLOMYS NIGRICAUDA NIGRICAUDA (Thomas). Black-tailed Tree Rat

Mus nigricauda Thomas, Proc. Zool. Soc. London, p. 266, pl. 14, f.1, June 1882. Hountop (=Hudup or Hutop) River, Great Namaqualand, Southwest Africa.

T[hallomys] longicauda Thomas, Proc. Zool. Soc. London, p. 493, 3 Sep. 1923. Lapsus calami for *T. nigricauda*.

THALLOMYS NIGRICAUDA BRADFIELDI Roberts

Thallomys leuconoë bradfieldi Roberts, Ann. Transvaal Mus., 15: 268, 1 Aug. 1933. Quickborn Farm, Okahandja, Southwest Africa.

THALLOMYS NIGRICAUDA KALAHARICUS (Dollman)

Epimys nigricauda kalaharicus Dollman, Ann. Mag. Nat. Hist. (8) 8: 544, Oct. 1911. Molopo River, Kalahari, Bechuanaland. Regarded by Shortridge (Mamm. South West Africa, 1: 266, footnote, 1934) as a synonym of *T. n. nigricauda*.

THALLOMYS NIGRICAUDA LEUCONOË Thomas

Thallomys leuconoë Thomas, Proc. Zool. Soc. London, p. 303, 29 Apl. 1926. Osohama, Etosha Pan, Ovamboland, Southwest Africa.

Thallomys nigricauda leuconoë Shortridge, Mamm. South West Africa, 1: 266, 1934.

THALLOMYS NIGRICAUDA LORINGI (Heller)

Thamnomys loringi Heller, Smithsonian Misc. Coll., 52: pt. 4, p. 471, pl. 56, fig. a, 13 Nov. 1909. Lake Naivasha, Kenya Colony.

THALLOMYS NIGRICAUDA MOLOPENSIS Roberts

Thallomys leuconoë molopensis Roberts, Ann. Transvaal Mus., 15: 269, 1 Aug. 1933. Midway between Setlagoli and Molopo River at Pitsani Location, Bechuanaland.

THALLOMYS NIGRICAUDA NITELA Thomas and Hinton

T[hallomys] nitela Thomas and Hinton, Proc. Zool. Soc. London, p. 493, 3 Sep. 1923. Bomboné, Mossamedes, Angola, 3200 ft.

THALLOMYS NIGRICAUDA SHORTRIDGEI Thomas and Hinton

Thallomys shortridgei Thomas and Hinton, Proc. Zool. Soc. London, p. 492, 3 Sep. 1923. Louisvale, near Upington, south bank of Orange River, Southwest Africa.

THAMNOMYS Thomas. Thicket Rats

Thamnomys Thomas, Ann. Mag. Nat. Hist. (7) 19: 121, Jan. 1907. Genotype *Thamnomys venustus* Thomas.

Subgenus Thamnomys Thomas

See Thomas, O., Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915, for characters and list of species.

Thamnomys kempi kempi Dollman

Thamnomys kempi Dollman, Ann. Mag. Nat. Hist. (8) 8: 658, Nov. 1911. Buhamba, near Lake Kivu, Congo Belge, 6000 ft.

Thamnomys kempi major Hatt

Thamnomys kempi major Hatt, Amer. Mus. Novitates, no. 708, p. 10, 4 Apl. 1934. Lukumi, north slope of Mt. Karisimbi, Kivu volcanoes, Congo Belge, 12,000 ft.

Thamnomys kuru Thomas and Wroughton

Thamnomys kuru Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 381, May 1907. Angu, Uele River.

Thamnomys rutilans rutilans (Peters)

Mus rutilans Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 478, pl. 2, f. 2, 1876. Limbareni, West Africa.

Thamnomys rutilans centralis Dollman

Thamnomys rutilans centralis Dollman, Revue Zool. Africaine, 4: 83, July 1914. Fundi, Congo Belge.

Thamnomys venustus venustus Thomas

Thamnomys venustus Thomas, Ann. Mag. Nat. Hist. (7) 19: 122, Jan. 1907. Ruwenzori East, Uganda, 7000 ft.

Thamnomys venustus schoutedeni Hatt

Thamnomys venustus schoutedeni Hatt, Amer. Mus. Novitates, no. 708, p. 9, 4 Apl. 1934. Medje, Ituri district, Congo Belge.

Subgenus Grammomys Thomas (x-cusp reduced)

Grammomys Thomas, Ann. Mag. Nat. Hist. (8) 16: 150, Aug. 1915. Genotype *Mus dolichurus* Smuts. A synonym of *Thamnomys* according to Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 57, 1919).

Thamnomys baliolus Osgood

Thamnomys baliolus Osgood, Ann. Mag. Nat. Hist. (8) 5: 278, Mar. 1910. Woodbush Hills, northeast of Pietersburg, Transvaal.

THAMNOMYS BUNTINGI Thomas
Thamnomys buntingi Thomas, Ann. Mag. Nat. Hist. (8) 7: 381, Apl. 1911. Gonyon, Bassa, Liberia.

THAMNOMYS COMETES Thomas and Wroughton
Thamnomys cometes Thomas and Wroughton, Proc. Zool. Soc. London, p. 549, 30 Oct. 1908. Inhambane, Mozambique.

THAMNOMYS DOLICHURUS DOLICHURUS (Smuts)
M[us] dolichurus Smuts, Enumerat. Mamm. Capens., p. 38, pl. 2, 1832. Near Cape Town, South Africa.

THAMNOMYS DOLICHURUS TONGENSIS (Roberts)
Grammomys tongensis Roberts, Ann. Transvaal Mus., 14: 234, 28 July 1931. Manaba, northern Zululand, Natal.

THAMNOMYS DRYAS Thomas
Thamnomys dryas Thomas, Ann. Mag. Nat. Hist. (7) 19: 123, Jan. 1907. Ruwenzori East, Kenya Colony, 6–7000 ft.

THAMNOMYS GIGAS Dollman
Thamnomys gigas Dollman, Ann. Mag. Nat. Hist. (8) 7: 527, May 1911. Solai, Mt. Kenya, Kenya Colony, 9000 ft.

THAMNOMYS IBEANUS IBEANUS Osgood
Thamnomys ibeanus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 8, 16 Feb. 1910. Molo, Kenya Colony.

THAMNOMYS IBEANUS LUTOSUS Dollman
Thamnomys surdaster lutosus Dollman, Ann. Mag. Nat. Hist. (8) 8: 657, Nov. 1911. Mt. Nyiro, Kenya Colony.

THAMNOMYS MACMILLANI MACMILLANI Wroughton
Thamnomys macmillani Wroughton, Ann. Mag. Nat. Hist. (7) 20: 504, Dec. 1907. Wouida, north of Lake Rudolf, Ethiopia (Abyssinia).

THAMNOMYS MACMILLANI ARIDULUS (Thomas and Hinton)
Grammomys aridulus Thomas and Hinton, Proc. Zool. Soc. London, p. 268, 6 July 1923. Kulme, Wadi Aribo, Darfur, Anglo-Egyptian Sudan.
Grammomys macmillani aridulus Bræstrup, Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 115, 11 Sep. 1935.

THAMNOMYS MACMILLANI GAZELLÆ Thomas
Thamnomys macmillani gazellæ Thomas, Ann. Mag. Nat. Hist. (8) 5: 282, Mar. 1910. Chak Chak, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

THAMNOMYS MACMILLANI OBLITUS Osgood
Thamnomys oblitus Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 3, p. 16, 7 Apl. 1910. Voi, Kenya Colony.

THAMNOMYS MACMILLANI OCHRACEUS G. M. Allen
Thamnomys ochraceus G. M. Allen, Bull. Mus. Comp. Zool., 54: 442, Apl. 1912. Meru River, Northern Guaso Nyiro, Kenya Colony.

THAMNOMYS MACMILLANI TUAREG (Bræstrup)
Grammomys macmillani tuareg Bræstrup, Vidensk. Medd. fra Dansk Naturh. Foren., Kjobenhavn, 99: 113, 11 Sep. 1935. Timbuctu, French Sudan.

THAMNOMYS RUDDI Thomas and Wroughton
Thamnomys ruddi Thomas and Wroughton, Proc. Zool. Soc. London, p. 549, 30 Oct. 1908. Tette, Mozambique.

THAMNOMYS SURDASTER SURDASTER Thomas and Wroughton
Thamnomys surdaster Thomas and Wroughton, Proc. Zool. Soc. London, p. 550, 30 Oct. 1908. Zomba, Nyasaland.
Thamnomys usambaræ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, Apl. 1915. Amani, Usambara, Tanganyika Territory.

THAMNOMYS SURDASTER ANGOLENSIS (Hill and Carter)
Grammomys surdaster angolensis Hill and Carter, Amer. Mus. Novitates, no. 913, p. 4, 8 Mar. 1937. Chitau, Angola, 4930 ft.

THAMNOMYS SURDASTER CALLITHRIX Hatt
Thamnomys (Grammomys) surdaster callithrix Hatt, Amer. Mus. Novitates, no. 708, p. 11, 4 Apl. 1934. Garamba, upper Uele district, Congo Belge.

THAMNOMYS SURDASTER DISCOLOR Thomas
Thamnomys discolor Thomas, Ann. Mag. Nat. Hist. (8) 5: 283, Mar. 1910. Kakamega Forest, Kisumu, Kenya Colony.

THAMNOMYS SURDASTER ELGONIS Thomas
Thamnomys surdaster elgonis Thomas, Ann. Mag. Nat. Hist. (8) 5: 282, Mar. 1910. Malikisi, south slope of Mt. Elgon, Kenya Colony, 5000 ft.

THAMNOMYS SURDASTER INSIGNIS Dollman
Thamnomys surdaster insignis Dollman, Ann. Mag. Nat. Hist. (8) 7: 528, May 1911. South face of Mt. Elgon, Kenya Colony, 9000 ft.

THAMNOMYS SURDASTER LITTORALIS Heller
Thamnomys dolichurus littoralis Heller, Smithsonian Misc. Publ., 59: no. 16, p. 10, 5 July 1912. Mazeras, Kenya Colony.

THAMNOMYS SURDASTER POLIONOPS Osgood
Thamnomys surdaster polionops Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 8, 16 Feb. 1910. Lukenya Mt., Ulukenia Hills, Kenya Colony.

THAMNOMYS VUMBENSIS (Roberts)
Grammomys vumbensis Roberts, Ann. Transvaal Mus., 19: 245, 31 Oct. 1938. Vumba, Southern Rhodesia.

URANOMYS Dollman

Uranomys Dollman, Ann. Mag. Nat. Hist. (8) 4: 551, Dec. 1909. Genotype *Uranomys ruddi* Dollman.

URANOMYS ACOMYOIDES Ingoldby
Uranomys acomyoides Ingoldby, Ann. Mag. Nat. Hist. (10) 3: 523, May 1929. Kintampo, northern Ashanti, Gold Coast.

URANOMYS FOXI Thomas
Uranomys foxi Thomas, Ann. Mag. Nat. Hist. (8) 9: 273, Feb. 1912. Panyam Plateau, northern Nigeria.

URANOMYS OWENI Thomas
Uranomys oweni Thomas, Ann. Mag. Nat. Hist. (8) 6: 431, Oct. 1910. Marakissa, French Guinea.

URANOMYS RUDDI Dollman
Uranomys ruddi Dollman, Ann. Mag. Nat. Hist. (8) 4: 552, Dec. 1909. Kirui, Mt. Elgon, Kenya Colony, 6000 ft.
Probably all the named forms will prove to be subspecies of this.

URANOMYS TENEBROSUS Hinton
Uranomys tenebrosus Hinton, Ann. Mag. Nat. Hist. (9) 7: 370, Apl. 1921. N'sana, northwestern Nyasaland.

URANOMYS UGANDÆ Heller.
Uranomys ugandæ Heller, Smithsonian Misc. Coll., 56: no. 17, p. 12, 28 Feb. 1911. Kikonda, Uganda.

URANOMYS WOODI Hinton
Uranomys woodi Hinton, Ann. Mag. Nat. Hist. (9) 7: 369, Apl. 1921. Cholo, Nyasaland.

Zelotomys Osgood. Broad-headed Mice

Zelotomys Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 7, 16 Feb. 1910. Genotype *Mus hildegardeæ* Thomas.

Zelotomys hildegardeæ hildegardeæ (Thomas)
Mus hildegardeæ Thomas, Ann. Mag. Nat. Hist. (7) 9: 219, Mar. 1902. Machakos, Kenya Colony.

Zelotomys hildegardeæ vinaceus Heller
Zelotomys hildegardæ (sic) *vinaceus* Heller, Smithsonian Misc. Coll., 59: no. 16, p. 10, 5 July 1912. Ndi, Mt. Mbololo, Taita Hills, Kenya Colony, 3000 ft.

Zelotomys instans Thomas
Zelotomys instans Thomas, Ann. Mag. Nat. Hist. (8) 16: 480, Dec. 1916 (mammary formula given). Poko, Uele, Congo Belge.

Zelotomys shortridgei shortridgei Hinton
Zelotomys shortridgei Hinton, Ann. Mag. Nat. Hist. (9) 6: 242, Aug. 1920. N'dola, Northern Rhodesia.

Zelotomys shortridgei kuvelaiensis St. Leger
Zelotomys shortridgei kuvelaiensis St. Leger, Ann. Mag. Nat. Hist. (10) 17: 470, Apl. 1936. Kuvelai River, about 50 km. north of Mupa, Mossamedes (17° S., 16° 30′ E.).

Family JACULIDÆ. Jerboas

Subfamily JACULINÆ

Note: *Alactaga arundinis* F. Cuvier (Trans. Zool. Soc. London, 2: 134, 4 May 1838) North Africa, is probably an error, for the genus is not known from Africa. Based on Shaw's Voyage en Barbarie, French transl., 1: 321, in which there is an evident error in describing the hind toes as four long and two short.

Jaculus Erxleben. Jerboa

Jaculus Erxleben, Syst. Regni Animalis, p. 404, 1777. Genotype *Jaculus orientalis* Erxleben.

Jaculus hirtipes (Lichtenstein)
Dipus hirtipes Lichtenstein, Verzeichn. d. Doubletten Zool. Mus. Berlin, p. 5, 1823. "E deserto prope Sakharum."

JACULUS JACULUS JACULUS (Linnæus). Jerboa.

Mus jaculus Linnæus, Syst. Nat., ed. 10, 1: 62, 1758. Giza Pyramids, Egypt; "in Arabia, Calmukia."

Dipus ægyptius Lichtenstein, Darstellungen Neue Säugeth., pl. 22 and text, 1827. Egypt.

JACULUS JACULUS AIRENSIS Thomas and Hinton

Jaculus jaculus airensis Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921. Aderbissinat, northern Nigeria.

JACULUS JACULUS BUTLERI Thomas

Jaculus jaculus butleri Thomas, Ann. Mag. Nat. Hist. (9) 9: 296, Apl. 1922. Khartoum, Anglo-Egyptian Sudan.

Range: Khartoum to Sennaar.

JACULUS JACULUS CENTRALIS Thomas and Hinton

J[aculus] j[aculus] centralis Thomas and Hinton, Novitates Zool., 28: 11, 14 May 1921. Oued-el-Abiad, north of In-salah, central Sahara of Algeria.

JACULUS JACULUS DESERTII (Loche)

Dipus desertii Loche, Cat. Mamm. de l'Algérie, p. 21, 1858; Exploration Sci. de l'Algérie, Zool., Mammifères, p. 100, 1867. Oasis of Ouargla, southern Algeria.

Dipus darricarrerei Lataste, Anal. Mus. Civ. Stor. Nat. Genova, 18: 661, 11 June 1883. Bou Saada, Algerian Sahara. A synonym of *J. j. desertii* (see Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921).

Range: Algeria between the high plateaux and the Sahara, and in Tunisia.

JACULUS JACULUS FAVONICUS Thomas

Jaculus jaculus favonicus Thomas, Ann. Mag. Nat. Hist. (8) 11: 483, May 1913. Trarza country, southwestern Mauritania.

JACULUS JACULUS GORDONI Thomas

Jaculus gordoni Thomas, Proc. Zool. Soc. London, 1: 299, 6 Aug. 1903. Kaga Hills, western Kordofan, Anglo-Egyptian Sudan.

Range: Kordofan, Egyptian Sudan.

JACULUS JACULUS SEFRIUS Thomas and Hinton

Jaculus jaculus sefrius Thomas and Hinton, Novitates Zool., 28: 10, 14 May 1921. Ain-Sefra, southwestern Algeria.

Range: Desert region of Morocco, to the southwest of the Great Atlas, and the adjacent parts of the sandy Sahara.

JACULUS JACULUS VULTURNUS Thomas

Jaculus jaculus vulturnus Thomas, Ann. Mag. Nat. Hist. (8) 11: 485, May 1913. Berbera, British Somaliland.

JACULUS MICROTIS (Reichenow)

Dipus microtis Reichenow, Zool. Anzeiger, 10: 369, 11 July 1887. Samar, northeast Africa. Based on a young specimen, see Thomas, O., Proc. Zool. Soc. London, 1: 299, 6 Aug. 1903.

JACULUS ORIENTALIS Erxleben

Jaculus orientalis Erxleben, Syst. Regni Animalis, p. 404, 1777. Egypt, in the mountains separating Egypt from Arabia.

Dipus abyssinicus F. A. A. Meyer, Syst.-summarisch. Uebersicht d. Entdeckungen in Neu-Holland u. Africa, p. 82, 1793. Sandy deserts of Africa (Abyssinia implied); based on Bruce's Travels to discover Source of Nile, 5: pl. 27, 1791, German ed.

Range: Coastal districts of western Lower Egypt, Tripoli, Tunisia and Algeria (S.S. Flower).

SCARTURUS Gloger. Four-toed Jerboa

Scarturus Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxxi, 106, 1841. Genotype *Dipus tetradactylus* Lichtenstein (see Thomas, Ann. Mag. Nat. Hist. (6) 15: 191, Feb. 1895).

Scirtomys Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, Cl. phys.-math., 2: 220, 20 Jan. 1844. As a subgenus of *Alactaga*, type *Alactaga* (*Dipus*) *tetradactylus* (Lichtenstein).

SCARTURUS TETRADACTYLUS (Lichtenstein)

Dipus tetradactylus Lichtenstein, Verzeichn. d. Doubletten in Zool. Mus. Berlin, p. 2, 1823. Libyan Desert between Siwa and Alexandria, Egypt.

Dipus brucii Lesson, Manuel de Mammalogie, p. 253, 1827. Based on the gerboa described by Bruce from Barca.

Range: Known from the type locality, and districts of Mariut and Mersa Matruh, Egypt.

SCIRTOPODA Brandt

Scirtopoda Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, Cl. phys.-math., 2: 212, 20 Jan. 1844. As a subgenus of *Dipus*, type *Dipus mauritanicus* Duvernoy.

Haltomys Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, 2: 215, 20 Jan. 1844. As a section of *Scirtopoda*, type not specified, but by elimination is *Dipus mauritanicus* Duvernoy.

Halticus Brandt, Bull. Acad. Imp. des Sci., St. Pétersbourg, 2: 213, 20 Jan. 1844. As a section of *Scirtopoda*, type *Dipus halticus* Illiger; preoccupied by *Halticus* Hahn, 1831, in Hemiptera.

Scirtopoda gerboa gerboa (Olivier)

Dipus gerboa Olivier, Bull. des Sci., Soc. Philomathique, Paris, (1) 2: no. 39, p. 121, 1801. Egypt.

Dipus locusta Illiger, Abhandl. K. Preuss. Akad. Wiss., Berlin, 1804–11, p. 77, 1815, (nomen nudum).

Dipus bipes Lichtenstein, Verzeichn. d. Doubletten Zool. Mus., Berlin, p. 5, 1823. "In Aegypto."

Range: Egypt, west toward Morocco.

Scirtopoda gerboa mauritanica (Duvernoy)

Dipus mauritanicus Duvernoy, Mém. Soc. du Mus. d'Hist. Nat. Strasbourg, 3: pt. 2, art. QQ, p. 30, pl. 3, 4, 1840. Mauritania.

Scirtopoda mauritanicus Pocock, Proc. Zool. Soc. London, p. 680, 28 Sep. 1922.

Scirtopoda gerboa mauritanica Cabrera, Trab. Mus. Nac. de Ciencias Nat., Madrid, zool. ser., no. 57, p. 277, text-f. 33 (skull), 30 Dec. 1932.

Range: Algeria and in Morocco the Rif, to the high plateaux.

Family BATHYERGIDÆ. Mole-rats

On the tooth formulæ and homologies of the genera see Thomas, O., Ann. Mag. Nat. Hist. (8) 4: 110–112, Aug. 1909.

Bathyergus Illiger

Bathyergus Illiger, Prodromus Syst. Mamm. et Avium, p. 86, 1811. Genotype *Mus maritimus* Gmelin = *Mus suillus* Schreber.

Orycterus F. Cuvier, Dictionnaire des Sci. Nat., 59: 481, 1829. Genotype *Mus maritimus* Gmelin.

Bathyergus suillus suillus (Schreber). Sand-mole

Mus suillus Schreber, Säugthiere, 4: 715, pl. 204B, 1782. Cape of Good Hope. (On dates of publication, see Sherborn, C. D., Proc. Zool. Soc. London, for 1891, 587–592, Apl. 1892.)

Mus maritimus Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 140, 1788. Cape of Good Hope.

Arctomis (sic) *africana* Lamarck, in Voyages de C. P. Thunberg au Japon, etc., 4: 348, 1796. Africa, Cape of Good Hope implied.

Bathyergus suillus intermedius Roberts

Bathyergus suillus intermedius Roberts, Ann. Transvaal Mus., 11: 261, 14 Sep. 1926. Klaver, Cape of Good Hope.

Bathyergus suillus janetta Thomas and Schwann

Bathyergus janetta Thomas and Schwann, Abstr. Proc. Zool. Soc. London, no. 2, p. 6, 9 Feb. 1904; Proc. Zool. Soc. London, 1: 180, pl. 6, f. 2, 9 June 1904. Port Nolloth, Namaqualand, Southwest Africa.

Bathyergus suillus janetta Shortridge, Mamm. South West Africa, 1: 318, 1934.

Cryptomys Gray. Mole-rats

Cryptomys Gray, Proc. Zool. Soc. London, p. 124, text-f. 3, 6, July 1864. As a subgenus of *Georychus*, type *Georychus holosericeus* Wagner.

Typhloryctes Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 55: sect. 1, p. 502, 1867. Genotype not specified; included *Georychus ochraceo-cinereus* Heuglin and *Bathyergus cæcutiens* Brants.

Cætomys Gray, Proc. Zool. Soc. London, p. 125, text-f. 4, 5, July 1864. A subgenus of *Georychus*, type not specified, but included *Bathyergus cæcutiens* Brants and *B. damarensis* Ogilby.

Cryptomys aberrans (Roberts)

Georychus aberrans Roberts, Ann. Transvaal Mus., 4: 97, 20 Oct. 1913. Port St. Johns, Cape of Good Hope.

Cryptomys albus (Roberts)

Georychus albus Roberts, Ann. Transvaal Mus., 4: 100, 20 Oct. 1913. ?Wynberg, Cape of Good Hope.

Cryptomys amatus (Wroughton)

Georychus amatus Wroughton, Mem. and Proc. Manchester Lit. and Phil. Soc., 51: no. 5, p. 28, 13 Mar. 1907. Road to Chiwali's, Alala plateau, Rhodesia, 4000 ft.

Cryptomys anomalus (Roberts)

Georychus anomalus Roberts, Ann. Transvaal Mus., 4: 96, text-f. 10 (skull), 20 Oct. 1913. Skinners Court Valley, Pretoria, Transvaal.

Cryptomys ansorgei (Thomas and Wroughton)

Georychus ansorgei Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 16: 175, Aug. 1905. Kukema River, Bihé, Angola, 5900 ft.

Cryptomys arenarius (Roberts)

Georychus arenarius Roberts, Ann. Transvaal Mus., 4: 96, text-f. 9 (skull), 20 Oct. 1913. Rietondale (East), Pretoria, Transvaal.

CRYPTOMYS BEIRÆ (Thomas)
Georychus beiræ Thomas, Proc. Zool. Soc. London, for 1907, p. 780, 4 June 1908. Beira, Mozambique.

CRYPTOMYS BIGALKEI Roberts
Cryptomys bigalkei Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924. Glen, Orange Free State.

CRYPTOMYS BLAINEI Hinton
Cryptomys blainei Hinton, Ann. Mag. Nat. Hist. (9) 7: 372, Apl. 1921. Chisongwe, Luando River, central Angola.

CRYPTOMYS BOCAGEI (De Winton)
Georychus bocagei De Winton, Ann. Mag. Nat. Hist. (6) 20: 323, Sep. 1897. Hanha, Angola.

CRYPTOMYS CRADOCKENSIS Roberts
Cryptomys cradockensis Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924. Cradock, Cape of Good Hope.

CRYPTOMYS DAMARENSIS DAMARENSIS (Ogilby)
Bathyergus damarensis Ogilby, Proc. Zool. Soc. London, p. 5, July 1838. "Country of the Damaras," i.e. Damaraland, Cape of Good Hope.

CRYPTOMYS DAMARENSIS LUGARDI (De Winton)
Georychus lugardi De Winton, Ann. Mag. Nat. Hist. (7) 1: 253, Mar. 1898. Kalahari Desert, between Palapye and Lake Ngami, northern Bechuanaland.
Cryptomys damarensis lugardi Shortridge, Mamm. South West Africa, 1: 320, 1934.

CRYPTOMYS DAMARENSIS MICKLEMI (Chubb)
Georychus micklemi Chubb, Ann. Mag. Nat. Hist. (8) 3: 35, Jan. 1909. Kataba River, upper Zambesi, northwestern Rhodesia.
Cryptomys damarensis micklemi Shortridge, Mamm. South West Africa, 1: 320, 1934. Possibly a synonym of *C. d. lugardi* (De Winton).

CRYPTOMYS DARLINGI (Thomas)
Georychus darlingi Thomas, Ann. Mag. Nat. Hist. (6) 16: 239, Sep. 1895. Salisbury, Cape of Good Hope.

CRYPTOMYS FOXI (Thomas)
Georychus foxi Thomas, Ann. Mag. Nat. Hist. (8) 7: 462, May 1911. Panyam, northern Nigeria, 4000 ft.

Cryptomys holosericeus (Wagner)

G[eorychus] holosericeus Wagner, Schreber's Säugth., Suppl., 3: 373, 1843. Graaf Reinet, Cape of Good Hope (selected as type locality and species regarded as valid by Thomas, O., and Schwann, H., Proc. Zool. Soc. London, 1: 166, 7 June 1906).

Cryptomys hottentotus hottentotus (Lesson)

Bathyergus hottentotus Lesson, Voyage autour du Monde sur la Coquille, Zool., 1: 166, pl. 2, f. 2, 1826. Pearl Village twenty miles from Cape Town, Cape of Good Hope.

Bathyergus cæcutiens Brants, Het Geslacht der Muizen, p. 37, 1827. Cape of Good Hope. (Brants credits the name to Lichtenstein.)

Bathyergus ludwigii A. Smith, Zool. Journ., 4: 439, May 1829. "Various parts of South Africa."

Georychus cxenticus Trouessart, Cat. Mamm. Viv. Foss,. app., ed. 1, p. 1338, 1899. Mistake for *cæcutiens* Brants.

Cryptomys hottentotus occlusus G. M. Allen and Loveridge

Cryptomys hottentotus occlusus G. M. Allen and Loveridge, Bull. Mus. Comp. Zool., 75: 125, Feb. 1933. Kigogo, Uzungwe Mts., southwestern Tanganyika Territory.

Cryptomys hottentotus talpoides (Thomas and Schwann)

Georychus hottentottus (sic) *talpoides* Thomas and Schwann, Proc. Zool. Soc. London, p. 166, 7 June 1906. Knysna, Cape of Good Hope.

Cryptomys jamesoni (Roberts)

Georychus jamesoni Roberts, Ann. Transvaal Mus., 4: 95, 20 Oct. 1913. Houghton Estate, Johannesburg, Transvaal.

Cryptomys jorisseni (Jameson)

Georychus jorisseni Jameson, Ann. Mag. Nat. Hist. (8) 4: 466, Nov. 1909. Waynek, Waterberg district, Transvaal.

Cryptomys junodi Roberts

Cryptomys junodi Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Masiene, Mozambique.

Cryptomys komatiensis (Roberts)

Georychus komatiensis Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Arnhemburg, Carolina, Transvaal.

Cryptomys kubangensis (Monard)

Georhychus (sic) *kubangensis* Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 58, text-f. 1–4, 1932. Angola, specimens from Rio Mbalé, Vila da Ponte, Chimporo, and Tumbolé.

CRYPTOMYS KUMMI (Thomas)
Georychus kummi Thomas, Ann. Mag. Nat. Hist. (8) 7: 592, June 1911. French Shari Protectorate, Ironstone plateau, about 8° N., 22° E.

CRYPTOMYS LECHEI (Thomas)
Georychus lechei Thomas, Ann. Mag. Nat. Hist. (6) 16: 241, Sep. 1895. Bellima, Monbuttu, Congo Belge.

CRYPTOMYS MAHALI (Roberts)
Georychus mahali Roberts, Ann. Transvaal Mus., 4: 108, 20 Oct. 1913. Rosslyn, Rustenburg district, Transvaal.

CRYPTOMYS MECHOWII (Peters)
Georychus mechowii Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 133, 1881. Malange, Benguela, Angola.

CRYPTOMYS MELANOTICUS Roberts
Cryptomys melanoticus Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Balloon, Makoetsi River, northeastern Transvaal.

CRYPTOMYS MELLANDI (Thomas)
Georychus mellandi Thomas, Ann. Mag. Nat. Hist. (7) 17: 178, Feb. 1906. Mpika, northeastern Rhodesia, 5000 ft.

CRYPTOMYS MOLYNEUXI (Chubb)
Georychus molyneuxi Chubb, Ann. Mag. Nat. Hist. (8) 2: 451, Nov. 1908. Loano valley, northwestern Rhodesia.

CRYPTOMYS MONTANUS Roberts
Cryptomys montanus Roberts, Ann. Transvaal Mus., 11: 260, 14 Sep. 1926. Klapperkop, Pretoria, Transvaal.

CRYPTOMYS NATALENSIS NATALENSIS (Roberts)
Georychus natalensis Roberts, Ann. Transvaal Mus., 4: 94, text-f. 8 (skull), 20 Oct. 1913. Wakkerstroom, Transvaal.

CRYPTOMYS NATALENSIS NEMO new name
Georychus natalensis pallidus Roberts, Ann. Transvaal Mus., 5: 278, 16 May 1917. Manetsi River, near Malala, Zoutpansberg district, Transvaal. Not *Georychus pallidus* Gray, 1864, a *Heliophobius*.

CRYPTOMYS NIMRODI (De Winton)
Georychus nimrodi De Winton, Proc. Zool. Soc. London, for 1896, p. 808, pl. 40, f. 1, Apl. 1897. Essex Farm, near Bulawayo, Southern Rhodesia.

CRYPTOMYS OCHRACEO-CINEREUS (Heuglin)
Georychus ochraceo-cinereus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 31: art. 7, p. 3, 1864. Upper Bahr-el-Ghazal, 7–8° N., 24–26° E.

CRYPTOMYS ORANGIÆ Roberts
Cryptomys orangiæ Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Glen, Orange Free State.

CRYPTOMYS PALKI (Roberts)
Georychus palki Roberts, Ann. Transvaal Mus., 6: 5, 28 June 1917. Venterskroon, Vaal River, Potchefstroom district, Transvaal.

CRYPTOMYS PRETORIÆ (Roberts)
Georychus pretoriæ Roberts, Ann. Transvaal Mus., 4: 99, 20 Oct. 1913. Skinners Court Valley, Pretoria, Transvaal.

CRYPTOMYS RUFULUS (Roberts)
Georychus rufulus Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Tzaneen, Transvaal.

CRYPTOMYS STELLATUS (Roberts)
Georychus stellatus Roberts, Ann. Transvaal Mus., 5: 272, 16 May 1917. Komatipoort, Gazaland, Transvaal.

CRYPTOMYS TRANSVAALENSIS Roberts
Cryptomys transvaalensis Roberts, Ann. Transvaal Mus., 10: 73, 31 Jan. 1924. Bœkenhoutfontein farm, Pretoria district, Transvaal.

CRYPTOMYS VAN DAMI (Roberts)
Georychus van dami Roberts, Ann. Transvaal Mus., 5: 273, 16 May 1917. Griffin Mine, Leydsdorp, Transvaal.

CRYPTOMYS VETENSIS Roberts
Cryptomys vetensis Roberts, Ann. Transvaal Mus., 11: 259, 14 Sep. 1926. Taaiboschspruit, Vet River, Orange Free State.

CRYPTOMYS VRYBURGENSIS (Roberts)
Georychus vryburgensis Roberts, Ann. Transvaal Mus., 5: 274, 16 May 1917. Vryburg, southern Bechuanaland.

CRYPTOMYS WHYTEI (Thomas)
Georychus whytei Thomas, Proc. Zool. Soc. London, p. 432, 1 Oct. 1897. Karonga, Lake Nyasa, Nyasaland.

CRYPTOMYS ZECHI (Matschie)

Georhychus (sic) *zechi* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 146, 1900. Middle Volta, near Kete-Kradji station, Togo, West Africa.

GEORYCHUS Illiger. Blesmols

Georychus Illiger, Prodromus Systematis Mamm. et Avium, p. 87, 1811. Genotype *Mus capensis* Pallas (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 7: 183, June 1895).

Georhychus Wagner, Schreber's Säugthiere, Suppl., 3: 369, 1843, emendation.

Fossor Lichtenstein, in Forster's Descr. Animalium in Iter. ad Maris Austr. Terras Suscepto, (edited by Lichtenstein), p. 364, 1844. Genotype *Fossor leucops* Lichtenstein = *Georychus capensis* (Pallas).

GEORYCHUS CAPENSIS CAPENSIS (Pallas)

Mus capensis Pallas, Nov. Spec. Quadrup. e Glir. Ord., pp. 76, 172, pl. 7, 1778. Cape of Good Hope.

[*Mus*] *buffonii* F. Cuvier, Ann. des Sci. Nat., zool., (2) 1: 196, 1834. Cape of Good Hope.

Fossor leucops Lichtenstein, in J. R. Forster's Descrip. Animalium in Iter. ad Maris Austr. Terras Suscepto, (ed. by Lichtenstein), p. 364, 1844. Cape of Good Hope.

GEORYCHUS CAPENSIS CANESCENS Thomas and Schwann

Georychus capensis canescens Thomas and Schwann, Proc. Zool. Soc. London, 1: 165, 7 June 1906. Knysna, Cape of Good Hope.

GEORYCHUS CAPENSIS YATESI Roberts

Georychus yatesi Roberts, Ann. Transvaal Mus., 4: 92, 20 Oct. 1913. Belfast, Transvaal.

HELIOPHOBIUS Peters

Heliophobius Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 259, Aug. 1846. Genotype *Heliophobius argenteocinereus* Peters.

Myoscalops Thomas, Proc. Zool. Soc. London, p. 448, Oct. 1890. Proposed to replace *Heliophobius* on the ground that it is preoccupied by *Heliophobus* Boisduval, in Lepidoptera, 1829.

HELIOPHOBIUS ALBIFRONS (Gray)

Georychus albifrons Gray, Proc. Zool. Soc. London, p. 123, July 1864. "E. Africa (Capt. Speke)" hence probably coast of Tanganyika Territory.

HELIOPHOBIUS ANGONICUS Thomas

Heliophobius angonicus Thomas, Ann. Mag. Nat. Hist. (8) 20: 314, Oct. 1917. Bua River, central Angoniland, Rhodesia.

HELIOPHOBIUS ARGENTEOCINEREUS Peters

Heliophobius argenteocinereus Peters, Ber. über Verhandl. K. Preuss. Akad. Wiss., Berlin, p. 259, Aug. 1846; Reise nach Mossambique, Säugethiere, p. 140, pl. 31, f. 2; pl. 35, f. 2, 1852. Tette, Mozambique.

For skull characters distinguishing this from *H. albifrons* Gray, see Thomas, O., Ann. Mag. Nat. Hist. (6) 16: 241, Sep. 1895.

Georychus pallidus Gray, Proc. Zool. Soc. London, p. 124, text-f. 2, 7, July 1864. "E. Africa (Capt. Speke)."

HELIOPHOBIUS MARUNGENSIS Noack

Heliophobius marungensis var. of *argenteocinereus* Noack, Zool. Jahrb., Syst., 2: 223, pl. 9, f. 23–27, 7 May 1887. Marungu, Tanganyika Territory.

A distinct species according to Thomas (Ann. Mag. Nat. Hist. (8) 20: 315, Oct. 1917).

HELIOPHOBIUS EMINI Noack

Heliophobius emini Noack, Zool. Jahrb., Syst., 7: 559, pl. 18, f. 5–9, 23 Dec. 1893. Simba Muënne, Tanganyika Territory.

HELIOPHOBIUS KAPITI (Heller)

Georychus kapiti Heller, Smithsonian Misc. Coll., 52: 469, pl. 55 (skull), 24 Sep. 1909. Potha, Kapiti Plains, Kenya Colony.

Heliophobius kapiti Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 161, pl. 38, lower three figs. (type skull), 1919.

HELIOPHOBIUS MOTTOULEI (Schouteden)

Myoscalops mottoulei Schouteden, Revue Zool. Africaine, 2: 303, text-f. 1–4 (skull) , 30 May 1913. Kilongwe, near Lake Kisale, Congo Belge.

HELIOPHOBIUS ROBUSTUS Thomas

Heliophobius robustus Thomas, Ann. Mag. Nat. Hist. (7) 17: 179, Feb. 1906. Mpika, northeastern Rhodesia, 5000 ft.

HELIOPHOBIUS SPALAX Thomas

Heliophobius spalax Thomas, Ann. Mag. Nat. Hist. (8) 6: 315, Sep. 1910. Taveta, foot of Mt. Kilimanjaro, Tanganyika Territory.

Heterocephalus Rüppell. Naked Mole-rats

Heterocephalus Rüppell, Mus. Senckenbergianum, 3: 99, pl. 8, f. 1; pl. 10, f. 3 a-c, 1842. Genotype *Heterocephalus glaber* Rüppell.

Fornarina Thomas, Proc. Zool. Soc. London, for 1903, 2: 336, 1 Apl. 1904. Genotype *Heterocephalus phillipsi* Thomas. On the status of this name see de Beaux, Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 73: 290, Dec. 1934.

Review and critical discussion: de Beaux, O., Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 283–292, pl. 7–9, Dec. 1934.

Heterocephalus glaber glaber Rüppell

Heterocephalus glaber Rüppell, Mus. Senckenbergianum, 3: 99, 175, pl. 8, f. 1; pl. 10, f. 3 a-c, 1842. Shoa, southern Abyssinia.

Heterocephalus phillipsi Thomas, Proc. Zool. Soc. London, p. 612, pl. 55, f. 1–4, Oct. 1885; ibid., p. 845, Apl. 1886. Ogardain, Gerlogobie, central Somaliland.

Heterocephalus ansorgei Thomas, Proc. Zool. Soc. London, for 1903, 2: 336, 1 Apl. 1904. Between Ngomeni and Kinani, Makindu Country, Kenya Colony.

Regarded as a synonym of *H. glaber* by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919).

Heterocephalus dunni Thomas, Ann. Mag. Nat. Hist. (8) 4: 109, Aug. 1909. Wardairi, central Somaliland.

Heterocephalus stygius G. M. Allen, Bull. Mus. Comp. Zool., 54: 444, Apl. 1912. Neumann's Boma, Northern Guaso Nyiro, Kenya Colony.

A synonym of *H. glaber* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919).

Heterocephalus glaber progrediens Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 102, pl. 3, f. 2–5, 26 June 1912. Thornbush country north of Northern Guaso Nyiro, Kenya Colony.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 160, pl. 6, 7, 1919) as a synonym of *H. glaber*.

Heterocephalus glaber scorteccii de Beaux

Heterocephalus glaber scorteccii de Beaux, Atti Soc. Ital. di Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 283, pl. 7, pl. 8, upper figs.; pl. 9, upper figs., Dec. 1934. Gardo, northern Italian Somaliland.

Family THRYONOMYIDÆ. Cane-rats

Review: Thomas, O. On the animals known as "Ground-hogs" or "Cane-rats" in Africa. Ann. Mag. Nat. Hist. (9) 9: 389–392, Apl. 1922.

Chœromys Thomas. Lesser Cane-rats

Chœromys Thomas, Ann. Mag. Nat. Hist. (9) 9: 390, Apl. 1922. Genotype *Thryonomys gregorianus* Thomas.

Chœromys gregorianus gregorianus (Thomas)

Aulacodus gregorianus Thomas, Ann. Mag. Nat. Hist. (6) 13: 202, Feb. 1894. Luiji Reru River, Konu, Kikuyu, Kenya Colony, 5700 ft.

Chœromys gregorianus pusillus (Heller)

Thryonomys gregorianus pusillus Heller, Smithsonian Misc. Coll., 59: no. 16, p. 17, 5 July 1912. Ndi, Taita Hills, Kenya Colony. Regarded as a distinct species by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 163, 1919).

Chœromys harrisoni harrisoni (Thomas and Wroughton)

Thryonomys harrisoni Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 384, May 1907. Loka, 60 miles southwest of Fort Berkeley, Lado Enclave.

Chœromys harrisoni congicus Thomas

Chœromys harrisoni congicus Thomas, Ann. Mag. Nat. Hist. (9) 9: 390, Apl. 1922. Lower Uele River, Congo Belge.

Chœromys harrisoni rutshuricus (Lönnberg)

Thryonomys rutshuricus Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: art. 2, p. 78, 1 Sep. 1917. Rutshuru, Congo Belge. Doubtfully distinct from *C. harrisoni* according to Thomas.

Chœromys harrisoni sclateri (Thomas)

Thryonomys sclateri Thomas, Proc. Zool. Soc. London, p. 432, 1 Oct. 1897. Nyika plateau, Nyasaland, 6000–7000 ft.

Chœromys logonensis Jeannin

Chœromys logonensis Jeannin, Mamm. Sauvages du Caméroun, (Encycl. Biol., 16:) 178, 1936. Borders of Logone, Chad district, French Equatorial Africa (by implication).

Thryonomys Fitzinger. Larger Cane-rats or "Ground-hogs"

Thryonomys Fitzinger, Sitzb. K. Akad. Wiss. Wien, math.-nat. Kl., 56: sect. 1, p. 141, 1867. Genotype *Aulacodus semipalmatus* Heuglin.

Aulacodus Temminck, Monographies de Mammalogie, 1: 245, pl. 25, 1827. Genotype *Aulacodus swinderianus* Temminck. Preoccupied by *Aulacodus* Eschscholtz, 1822, in Coleoptera.

Triaulacodus Lydekker, Geogr. Hist. Mammals, pp. 91, 240, and footnote, 1896. A substitute for *Aulacodus* Temminck (not Eschscholtz).

THRYONOMYS SWINDERIANUS SWINDERIANUS (Temminck)

Aulacodus swinderianus Temminck, Monographies de Mammalogie, 1: 248, 1827. Sierra Leone (see Thomas, Ann. Mag. Nat. Hist. (9) 9: 391, Apl. 1922).

Range: Gambia to northern Nigeria.

THRYONOMYS SWINDERIANUS ANGOLÆ Thomas

Thryonomys swinderianus angolæ Thomas, Ann. Mag. Nat. Hist. (9) 9: 392, Apl. 1922. Junction of Luando and Cuje Rivers, Angola, 4500 ft.

THRYONOMYS LOGANI Romer and Nesbitt

Thryonomys logani Romer and Nesbitt, Ann. Mag. Nat. Hist. (10) 6: 687, Dec. 1930. Based on skull and skeleton from valley of Wad Odiemet, 140 km. southwest of Fort Leperrine, 4° 30′ E., 22° N., Tanezrouft region, central Sahara, probably of "early Recent" age.

THRYONOMYS SWINDERIANUS RAPTORUM Thomas

Thryonomys swinderianus raptorum Thomas, Ann. Mag. Nat. Hist. (9) 9: 392, Apl. 1922. Lagos, Nigeria.

Range: Forest region of lower Nigeria and Gold Coast, east through the Congo region.

THRYONOMYS SWINDERIANUS VARIEGATUS (Peters)

Aulacodus variegatus Peters, Reise nach Mossambique, Säugeth., p. 138, 1852. Mozambique (Tette, Macauga, Sena, and Boror).

Aulacodus semipalmatus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31: art. no. 7, p. 5, pl. 1, f. 1–4, 1864. West of the Djur River, to Fertit and Niam-niam country, upper Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Aulacodus calamophagus de Beerst in Pousargues, Bull. Mus. d'Hist. Nat. Paris, 3: 160, 1897. Saint Jacques de Lusaka, Nyasaland.

Range: Bahr-el-Ghazal and Uganda to eastern Cape of Good Hope.

Family CTENODACTYLIDÆ

CTENODACTYLUS Gray

Ctenodactylus Gray, Spicilegia Zoologica, 2: 10, 1 Aug. 1830. Genotype *Ctenodactylus massonii* Gray.

Palmer (North Amer. Fauna, no. 23, p. 303, 23 Jan. 1904) agrees with Lataste that Gundi as used by Shaw, and by Fischer is a vernacular use of the name and not a generic term.

Ctenodactylus gundi gundi (Rothmann). Gundi

Mus gundi Rothmann, in Schlözer's Briefwechsel, 1: 339, 1776. Hills of Gharian ("Garean"), 80 km. south of Tripoli, Tunisia (see Thomas, O., A note on the type-locality and geographical races of the gundi (*Ctenodactylus gundi* Rothm.), Novitates Zool., 27: 506–507, Nov. 1920).

Range: Northwestern Tripoli and southern Tunisia.

Ctenodactylus gundi massonii Gray. Biskra Gundi

Ctenodactylus massonii Gray, Spicilegia Zoologica, 2: 11, pl. 10, 1 Aug. 1830. "Cape of Good Hope," but doubtless North Africa.

Ctenodactylus typicus A. Smith, South African Quart. Journ., 2: 151, 1834. "Barbary."

Range: Southern slopes of the Algerian Atlas, Biskra.

Ctenodactylus joleaudi Heim de Balsac

Ctenodactylus joleaudi Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 315 (brief description); 378, f. 10, no. 7 (skull); 381, f. 12, A (skull), 405, 1936; Bull. Soc. Zool. de France, 62: no. 5, p. 329, 14 Aug. 1937 (formal description). Beni Ounif, Jebel Melias, Algeria.

Ctenodactylus vali Thomas

Ctenodactylus vali Thomas, Proc. Zool. Soc. London, 2: 11, Oct. 1902. Wadi Bey, northwest of Bonjem, Tripoli.

Range: Middle Tripoli.

Felovia Lataste

Felovia Lataste, Le Naturaliste, 8: no. 36, p. 287, 15 June 1886. Proposed as a subgenus of *Massoutiera* with type *Felovia væ* Lataste; recognized as a valid genus by Thomas, O., Novitates Zool., 20: 31, 24 Feb. 1913; St. Leger, Proc. Zool. Soc. London, p. 978, 30 Sep. 1931.

Felovia væ Lataste

Felovia væ Lataste, Le Naturaliste, 8: no. 36, p. 287, 15 June 1886. Medina district, upper Senegal River, Senegal.

Massoutiera Lataste

Massoutiera Lataste, Le Naturaliste, 7: no. 3, p. 21, 1 Feb. 1885. Genotype *Ctenodactylus mzabi* (Lataste.)

Massoutiera mzabi mzabi (Lataste)

Ctenodactylus mzabi Lataste, Bull. Soc. Zool. de France, 6: 314, text-f. 1, 3, 5–7, 1881. Gardaia, Mzab, Algeria.

MASSOUTIERA MZABI HARTERTI Thomas

Massoutiera harterti Thomas, Novitates Zool., 20: 31, 24 Feb. 1913. Oued Mya, south of Fort Miribel, western Sahara, about 28° 30′ N., 3° E.

MASSOUTIERA MZABI ROTHSCHILDI Thomas and Hinton

Massoutiera rothschildi Thomas and Hinton, Novitates Zool., 28: 11, 14 May 1921. Mt. Baguezan, Asben, northern Nigeria.

PECTINATOR Blyth

Pectinator Blyth, Journ. Asiatic Soc. Bengal, for 1855, (2) 24: 294, 1856. Genotype *Pectinator spekei* Blyth.

Petrobates Heuglin, Zeitschr. f. Gesammt. Naturw., Berlin, 16: 413, 1860. Genotype *Pectinator spekei* Blyth.

PECTINATOR SPEKEI SPEKEI Blyth

Pectinator spekei Blyth, Journ. Asiatic Soc. Bengal, for 1855, (2) 24: 294, pl. 2, f. 1, 1856. [Between Goree Bunder and Nogal], Somaliland.

PECTINATOR SPEKEI LEGERÆ de Beaux

Pectinator spekei legeræ de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 73: 293, Oct. 1934. Assab, Eritrea.

PECTINATOR SPEKEI MERIDIONALIS de Beaux

Pectinator spekei meridionalis de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 61: 27, Feb. 1922. Dolo, Somaliland.

PETROMUS A. Smith. Dassie Rats

Petromus A. Smith, South African Quart. Journ., 1: no. 5, p. 10–11 (misprint for p. 2), Oct. 1831. Genotype *Petromus typicus* A. Smith.

Petromys A. Smith, South African Quart. Journ., 2: no. 2, p. 146, Jan.-Mar. 1834; Illustr. Zool. South Africa, Mamm., pt. 9, pl. 20; pl. 21, f. 1 a-e, Jan. 1840 (emendation).

PETROMUS TYPICUS TYPICUS A. Smith

Petromus typicus A. Smith, South African Quart. Journ., 1: no. 5, p. 11 (misprint for p. 2), Oct. 1831. Mountains toward the mouth of Orange River, Little Namaqualand, Cape of Good Hope.

PETROMUS TYPICUS CUNEALIS Thomas

Petromys cunealis Thomas, Proc. Zool. Soc. London, p. 307, 29 Apl. 1926. Cunene Falls, northwestern Ovamboland, Southwest Africa, 3350 ft.

Petromus typicus marjoriæ Bradfield

Petromys typicus marjoriæ Bradfield, Description of New Races of Kalahari Birds and Mammals, (privately printed), Benoni, South Africa, p. 1, 26 Sep. 1935; The Auk, 53: 131, Jan. 1936 (reprinted). Khan River, Southwest Africa.

Petromus typicus tropicalis Thomas and Hinton

Petromys typicus tropicalis Thomas and Hinton, Proc. Zool. Soc. London, p. 241, 3 Apl. 1925. Karibib, Southwest Africa.

Family PEDETIDÆ.

Pedetes Illiger. Spring-haas

Yerbua Forster, Kongl. Svenska Vet.-Akad. Handl. Stockholm, (1) 39: 108, pl. 3, 1778 (in part, as to *Yerbua capensis* Forster).

Pedetes Illiger, Prodromus Syst. Mamm. et Avium, p. 81, 1811. Genotype *Dipus cafer* (Gmelin) = *Mus cafer* Pallas.

Helamys F. Cuvier, Règne Animal, ed. 1, 1: 202, footnote, 1817. Genotype *Mus cafer* Pallas.

Helamis F. Cuvier, Dictionnaire des Sci. Nat., 20: 341, 1821, variant.

Pedestes Gray, List Spec. Mamm. Brit. Mus., p. 130, 13 May 1843 (lapsus cal.).

Pedetes cafer cafer (Pallas)

Mus cafer Pallas, Nov. Spec. Quadrup. e Glir. Ord., p. 87, 1778. Cape of Good Hope.

Yerbua capensis Forster, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (1) 39: 108, pl. 3, 1778. Cape of Good Hope.

Pedetes typicus A. Smith, South African Quart. Journ., 2: 169, 1834. Eastern districts of Cape Colony.

Pedetes cafer angolæ Hinton

Pedetes angolæ Hinton, Ann. Mag. Nat. Hist. (9) 6: 102, July 1920. Cholinde, 20 miles northeast of Bihé, Angola.

Pedetes cafer damarensis Roberts

Pedetes caffer damarensis Roberts, Ann. Transvaal Mus., 11: 261, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

Pedetes cafer dentatus Miller

Pedetes cafer dentatus Miller, Proc. Biol. Soc. Washington, 40: 113, 26 Sep. 1927. Near Dodoma, Tanganyika Territory.

PEDETES CAFER ORANGIÆ Wroughton

Pedetes cafer orangiæ Wroughton, Ann. Mag. Nat. Hist. (7) 20: 32, July 1907. Aberfeldy district, Orange Free State.

PEDETES CAFER SALINÆ Wroughton

Pedetes cafer salinæ Wroughton, Ann. Mag. Nat. Hist. (7) 20: 32, 33, July 1907. Woodbush, Zoutpansberg district, northwestern Transvaal.

PEDETES CAFER TABORÆ G. M. Allen and Loveridge

Pedetes cafer taboræ G. M. Allen and Loveridge, Proc. Boston Soc. Nat. Hist., 38: 438, Dec. 1927. Tabora, Tanganyika Territory.

PEDETES SURDASTER SURDASTER Thomas

Pedetes surdaster Thomas, Ann. Mag. Nat. Hist. (7) 9: 440, June 1902. Moredat, mile 365 of Uganda Railway, Naivasha Province, Kenya Colony.

A distinct species, according to Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 156, 1919.

PEDETES SURDASTER CURRAX Hollister

Pedetes surdaster currax Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 3, 16 Jan. 1918; Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 157, pls. 39, 40 (skull), 1919. Kabalolot Hill, Sotik, Kenya Colony.

PEDETES SURDASTER LARVALIS Hollister

Pedetes surdaster larvalis Hollister, Smithsonian Misc. Coll., 68: no. 10, p. 2, 16 Jan. 1918; Bull. U. S. Nat. Mus., no. 99, pt. 2, p. 157, pls. 3, 4, 5 (lower figs.), 1919. Ulukenia Hills, Athi Plains, Kenya Colony.

Family HYSTRICIDÆ. Old World Porcupines

Subfamily ATHERURINÆ

ATHERURUS G. Cuvier. Brush-tailed Porcupines

Atherurus G. Cuvier, Dictionnaire des Sci. Nat., 59: 483, 1829. Genotype not given but fixed as *Hystrix fasciculata* Shaw of Malacca = *Hystrix macroura* Linnæus.

Atherura G. Cuvier, Règne Animal, ed. 2, 1: 215, 1829 (emendation).

ATHERURUS AFRICANUS (Gray)

Atherura africana Gray, Ann. Mag. Nat. Hist. (1) 10: 261, Dec. 1842. Sierra Leone.

Atherurus armatus Gervais

Atherura armata Gervais, Les Trois Règnes de la Nature, Hist. Nat. des Mammif., p. 334, 1854. Gambia.

Atherurus burrowsi Thomas

Atherura burrowsi Thomas, Ann. Mag. Nat. Hist. (7) 9: 270, Apl. 1902. Lower Aruwimi River, Congo Belge.

Atherurus centralis Thomas

Atherura centralis Thomas, Ann. Mag. Nat. Hist. (6) 15: 89, Jan. 1895. Monbuttu, = Niangara, Congo Belge.

Atherurus turneri St. Leger

Atherura turneri St. Leger, Ann. Mag. Nat. Hist. (10) 10: 231, Sep. 1932. Kakumega Forest, near Kaimosi, Kenya Colony.

Subfamily HYSTRICINÆ

Hystrix Linnæus. Crested Porcupines

Hystrix Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. Included five species; genotype *Hystrix cristata* Linnæus.

Oedocephalus Gray, Proc. Zool. Soc. London, p. 308, Sep. 1866. Genotype *Acanthion cuvieri* Gray = *Hystrix cristata* Linnæus, in part.

See Müller, Ferdinand. Besprechung einiger Hystrix-Schädel aus Deutsch Ost-Afrika. Sitzb. Ges. Naturf. Freunde, Berlin, p. 309–315, 1910.

The status of all the described forms is in need of revision; probably those that are recognizable should be regarded as subspecies of *H. cristata* Linnæus.

Hystrix aerula Thomas

Hystrix aerula Thomas, Ann. Mag. Nat. Hist. (9) 16: 196, July 1925. Aouderas, Asben, French West Africa.

Hystrix africæaustralis africæaustralis Peters

Hystrix africæ australis Peters, Reise nach Mossambique, Säugeth., p. 170, pl. 32, f. 6, 7 (skull), 1852. Querimba coast and Tette, Mozambique.

Hystrix capensis Grill, Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 2: no. 10, p. 19, 1858. Salt River, near Knysna, Cape of Good Hope.

Hystrix africæaustralis prittwitzi F. Müller

Hystrix africæ-australis prittwitzi Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 311, text-f. 2, 313, Oct. 1910. Tabora, Tanganyika Territory.

HYSTRIX AFRICÆAUSTRALIS ZULUENSIS Roberts

Hystrix africæ-australis zuluensis Roberts, Ann. Transvaal Mus., 18: 240, 21 Feb. 1936. Umfolosi River, Transvaal.

HYSTRIX CRISTATA Linnæus

Hystrix cristata Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. "Asia" but restricted to "Rome" by Thomas, where probably introduced from North Africa (Cabrera).

H[ystrix] cristata europæa Kerr, Linnæus's Animal Kingdom, p. 213, 1792. No locality.

Acanthion cuvieri Gray, Proc. Zool. Soc. London, p. 102, 5 Aug. 1847 (in part). Locality unknown, but given in 1866 (Proc. Zool. Soc. London, p. 308, under *Oedocephalus cuvieri*) as North Africa.

Range: Northern Africa, from at least eastern Morocco to Egypt, and south to the Sahara.

HYSTRIX GALEATA GALEATA Thomas

Hystrix galeata Thomas, Ann. Mag. Nat. Hist. (6) 11: 230, Mar. 1893. Lamu, Kenya Colony.

HYSTRIX GALEATA AMBIGUA Lönnberg

Hystrix galeata ambigua Lönnberg, Wiss. Ergebn. Schwedisch. Zool. Exped. Kilimandjaro unter Leitung v. Sjöstedt, Mamm., p. 29, pl. 5, f. 3 (skull), 1908. Kibonoto, Tanganyika Territory.

HYSTRIX GALEATA CONRADSI F. Müller

H[ystrix] galeata conradsi Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 314, Oct. 1910. Mwanza and Ukerewe Island, Victoria Nyanza, Tanganyika Territory.

HYSTRIX GALEATA LADEMANNI F. Müller

H[ystrix] galeata ludemanni (sic) Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 314, Oct. 1910. Kondoa Irangi, and lower Bubu southwest of Mt. Kilimanjaro, Tanganyika Territory.

HYSTRIX GALEATA LÖNNBERGI F. Müller

Hystrix galeata lönnbergi Müller, Sitzb. Ges. Naturf. Freunde, Berlin, p. 315, Oct. 1910. Mt. Kilimanjaro, Tanganyika Territory.

HYSTRIX GALEATA SOMALENSIS Lönnberg

Hystrix galeata somalensis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: art. 5, p. 109, 26 June 1912. Near Nyoro, Northern Guaso Nyiro, Kenya Colony.

Hystrix occidanea Cabrera

Hystrix occidanea Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 24: 220, text-f. 1, 28 Apl. 1924; Trab. Mus. Nac. de Cien. Nat., Madrid, zool. ser., no. 57, p. 289, text-f. 34 B (skull), 30 Dec. 1932. Mogador, Morocco. Range: Southeastern Morocco.

Hystrix senegalica F. Cuvier

Hystrix senegalica F. Cuvier, Mém. Mus. d'Hist. Nat., Paris, 9: 430, 1822. Senegal (based on a young specimen).

Hystrix stegmanni F. Müller

Hystrix stegmanni F. Müller, Arch. f. Naturgesch., 76: sect. A, pt. 1, no. 2, p. 186, Oct. 1910; Sitzb. Ges. Naturf. Freunde, Berlin, p. 312, text-f. 3, Oct. 1910. Kissenji, northeast of Lake Kivu, Congo Belge.

Order HYRACOIDEA. Dassies

Family PROCAVIIDÆ. Dassies or Hyraxes

Review: Hahn, Herbert. Die Familie der Procaviidæ. Zeitschr. f. Säugetierk., 9: 207–358, 69 text-f., pl. 13–16 (maps), 30 Dec. 1934.

Hatt, Robert T. Hyraxes collected by the American Museum Congo Expedition. Bull. Amer. Mus. Nat. Hist., 72: 117–141, text-f. 1–3, pl. 18–22, 28 Aug. 1936.

Dendrohyrax Gray. Tree Hyraxes

Dendrohyrax Gray, Ann. Mag. Nat. Hist. (4) 1: 48, Jan. 1868. Included three species; genotype fixed as *Hyrax arboreus* A. Smith (see Sclater, W. L., Mamm. South Africa, 1: 310, 1900).

Dendrohyrax arboreus arboreus (A. Smith)

Hyrax arboreus A. Smith, Trans. Linn. Soc. London, 15: 468, 1827. Forests, Cape of Good Hope.

Dendrohyrax arboreus Gray, Ann. Mag. Nat. Hist. (4) 1: 49, Jan. 1868.

Dendrohyrax arboreus adolfi-friederici (Brauer)

Procavia (*Dendrohyrax*) *adolfi-friederici* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 132, Feb. 1913. Bugoie Forest, north of Lake Kivu, Congo Belge.

Procavia (*Hcterohyrax*) *schubotzi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 134, Feb. 1913. Bugoie Forest, north of Lake Kivu, Congo Belge.

Procavia (*Heterohyrax*) *helgei* Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 9, p. 4, 14 May 1925. Mt. Mikeno, Birunga Volcanoes, Congo Belge.

DENDROHYRAX ARBOREUS BETTONI (Thomas and Schwann)

Procavia bettoni Thomas and Schwann, Abstract Proc. Zool. Soc. London, no. 6, p. 23, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 463, 2 Aug. 1904. Rogoro, mile 346 of Uganda Railway, Kenya Colony.

Procavia (*Dendrohyrax*) *scheffleri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 130, Feb. 1913. Kibwezi, Kenya Colony.

Procavia (*Dendrohyrax*) *vilhelmi* Lönnberg, Arkiv f. Zool., 10: no. 12, p. 26, 19 May 1916. Donya Sabuk, Kenya Colony.

DENDROHYRAX ARBOREUS BRAUERI Hahn

Dendrohyrax arboreus braueri Hahn, Zeitschr. f. Säugethierk., 8: 278, 20 Dec. 1933. Elizabethville, Congo Belge.

DENDROHYRAX ARBOREUS CRAWSHAYI (Thomas)

Procavia (*Dendrohyrax*) *crawshayi* Thomas, Proc. Zool. Soc. London, p. 178, 1 June 1900. Western slope of Mt. Kenya, Kenya Colony, 10,000 ft.

Dendrohyrax crawshayi laikipia Dollman, Ann. Mag. Nat. Hist. (8) 8: 131, July 1911. Rumruti, Laikipia Plateau, Kenya Colony.

DENDROHYRAX ARBOREUS MIMUS (Thomas)

Procavia mima Thomas, Ann. Mag. Nat. Hist. (7) 6: 387, Oct. 1900. Northern Nyasaland, Nyasa-Tanganyika plateau.

DENDROHYRAX ARBOREUS RUWENZORII (Neumann)

Procavia (*Dendrohyrax*) *ruwenzorii* Neumann, Proc. Zool. Soc. London, 2: 143, Oct. 1902. Mt. Ruwenzori, Congo Belge, 11–15,000 ft.

DENDROHYRAX ARBOREUS STUHLMANNI (Matschie)

Procavia stuhlmanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 110, 1892. Bukoba, Victoria Nyanza, Tanganyika Territory.

Dendrohyrax scheelei Matschie, Deutsch-Ost-Afrika, 3: Säugeth., p. 90, footnote, 1895. Khutu, near Ruaha River, Tanganyika Territory.

DENDROHYRAX DORSALIS DORSALIS (Fraser)

Hyrax dorsalis Fraser, Proc. Zool. Soc. London, for 1852, p. 99, pl. 33 (Mamm.), 23 May 1854. Island of Fernando Po.

DENDROHYRAX DORSALIS EMINI Thomas

Dendrohyrax emini Thomas, Ann. Mag. Nat. Hist. (5) 20: 440, Dec. 1887. Tingasi, Monbuttu, Congo Belge.

Dendrohyrax rubriventer Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Kalumenda-Beni, Congo Belge.

Omitted by Hahn (1934) but probably a synonym of *D. dorsalis emini* Thomas according to Hatt (Bull. Amer. Mus. Nat. Hist., 72: 118, 28 Aug. 1936).

Dendrohyrax beniensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Beni Zambo, Kalumenda-Beni, Congo Belge.

Dendrohyrax congoensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 10 Sep. 1917. Beni (Cartoushi), Congo Belge.

Dendrohyrax brevimaculatus Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Lesse, Ituri district, Congo Belge.

DENDROHYRAX DORSALIS LATRATOR (Thomas)

Procavia emini latrator Thomas, Ann. Mag. Nat. Hist. (8) 5: 285, Mar. 1910. Batempa, upper Sankuru River, Congo Belge.

Although by Hahn regarded as a synonym of *D. d. emini*, Hatt (Bull. Amer. Mus. Nat. Hist., 72: 118, 28 Aug. 1936) believes it probably recognizable.

DENDROHYRAX DORSALIS MARMOTA (Thomas)

Procavia (*Dendrohyrax*) *marmota* Thomas, Proc. Zool. Soc. London, 2: 88, 1 Oct. 1901. Mengo, north of Entebbe, Uganda.

DENDROHYRAX DORSALIS NIGRICANS (Peters)

Hyrax nigricans Peters, Sitzb. Ges. Naturf. Freunde, Berlin, p. 10, 1879. Chinchoxo, north of the mouth of the Congo, Kabinda, Angola.

Procavia (*Dendrohyrax*) *tessmanni* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 411, July 1912. Akonangi, Spanish Guinea.

Pr[*ocavia*] (*Dendrohyrax*) *adametzi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 412, July 1912. Lake Barombi, Johann-Albrechts Heights, Cameroons.

Pr[*ocavia*] (*Dendrohyrax*) *adametzi zenkeri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 38, Jan. 1914. Southern Cameroons, specimens from Bipindi, Bibundi and Yaunde.

DENDROHYRAX DORSALIS SYLVESTRIS (Temminck)

Hyrax sylvestris Temminck, Esquisses Zool. sur la Côte de Guiné, p. 182, 1853. Guinea coast to Ashanti, West Africa.

Hyrax stampflii Jentink, Notes Leyden Mus., 8: 210, Oct. 1886. Chap Hill, opposite Schlieffelinsville, Junk River, Liberia.

Pr[*ocavia*] (*Dendrohyrax*) *aschantiensis* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 36, Jan. 1914. Abetifi, Ashanti, northwest of Begoro, Gold Coast.

DENDROHYRAX VALIDUS VALIDUS True

Dendrohyrax validus True, Proc. U. S. Nat. Mus., 13: 228, 16 Sep. 1890. Mt. Kilimanjaro, Tanganyika Territory.

DENDROHYRAX VALIDUS NEUMANNI (Matschie)

Procavia neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 112, 1893. Zanzibar, Pangani forest.

Dendrohyrax adersi Kershaw, Ann. Mag. Nat. Hist. (9) 13: 557, May 1924. Wete, Ngesi, Pemba Island, off Tanganyika Territory.

DENDROHYRAX VALIDUS TERRICOLA Mollison

Dendrohyrax terricola Mollison, Zool. Anzeiger, 29: 423, 26 Sep. 1905. Near Monga, eastern Usambara, Tanganyika Territory.

Dendrohyrax terricola schusteri Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Uluguru Mts., eastern Tanganyika Territory.

DENDROHYRAX VALIDUS VOSSELERI Brauer

Dendrohyrax terricola vosseleri Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 296, 10 Sep. 1917. Amani on the Sigi, Tanganyika Territory.

HETEROHYRAX Gray Gray Hyraxes

Heterohyrax Gray, Ann. Mag. Nat. Hist. (4) 1: 50, Jan. 1868. As a subgenus of *Dendrohyrax;* type *Dendrohyrax blainvillii* Gray = *Hyrax syriacus* Schreber.

HETEROHYRAX ANTINEÆ (Heim de Balsac and Bégouen)

Procavia (*Heterohyrax*) *antineæ* Heim de Balsac and Bégouen, Bull. Mus. d'Hist. Nat., Paris, (2) 4: 479, June 1932. Ahaggar, central Sahara.

HETEROHYRAX CHAPINI (Hatt)

Procavia chapini Hatt, Amer. Mus. Novitates, no. 594, p. 1, 26 Jan. 1933. Summit of Loadi Hill, 5 km. southwest of Matadi, Lower Congo district, Congo Belge.

As to status, see Hatt, Bull. Amer. Mus. Nat. Hist., 72: 132, text-f. 2, pl. 22, lower fig., 28 Aug. 1936.

HETEROHYRAX SYRIACUS SYRIACUS (Schreber)

Hyrax syriacus Schreber, Säugthiere, 4: 923, pl. 240B, 1792. Mt. Lebanon, Mt. Sinai; Ras Mohammed, Ethiopia.

Hyrax brucei Gray, Ann. Mag. Nat. Hist. (4) 1: 44, Jan. 1868. Abyssinia.

Dendrohyrax blainvillii Gray, Ann. Mag. Nat. Hist. (4) 1: 50, Jan. 1868. No locality.

H[*yrax*] *irroratus* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Abyssinia.

HETEROHYRAX SYRIACUS ALBIPES Hollister

Heterohyrax brucei albipes Hollister, Proc. Biol. Soc. Washington, 35: 135, 17 Oct. 1922. Telek River, Loita Plains, Kenya Colony.

Regarded by Hahn (1934, p. 276) as a synonym of *H. syriacus hindei* (Wroughton).

HETEROHYRAX SYRIACUS BAKERI (Gray)

Dendrohyrax bakeri Gray, Ann. Mag. Nat. Hist. (4) 14: 133, Aug. 1874. Latiko, 3° N.

The only *Heterohyrax* on west bank of the Nile.

HETEROHYRAX SYRIACUS BOCAGEI (Gray)

Hyrax bocagei Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Angola.

Dendrohyrax grayi Bocage, Jorn. Sci. Math., Phys., e Nat., Lisboa, (2) 1: 190, 1889. Quissange, Angola.

HETEROHYRAX SYRIACUS DIESENERI Brauer

Heterohyrax brucei dieseneri Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 298, 10 Sep. 1917. Guta, Speke Gulf, Uschaschi, Tanganyika Territory, Ikoma, and Ukerewe Island, Lake Victoria.

HETEROHYRAX SYRIACUS FROMMI (Brauer)

Procavia (*Heterohyrax*) *frommi* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, Feb. 1913. Mahenge district, southeast of Iringa, Tanganyika Territory.

HETEROHYRAX SYRIACUS GRANTI (Wroughton)

Procavia brucei granti Wroughton, Ann. Mag. Nat. Hist. (8) 5: 109, Jan. 1910. Woodbush, Transvaal.

HETEROHYRAX SYRIACUS HINDEI (Wroughton)

Procavia brucei hindei Wroughton, Ann. Mag. Nat. Hist. (8) 5: 107, Jan. 1910. Fort Hall, Kenya Colony.

Procavia brucei maculata Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: 6, 16 Feb. 1910. Lukenya Mt., Kenya Colony.

HETEROHYRAX SYRIACUS KEMPI (Thomas)

Procavia brucei kempi Thomas, Ann. Mag. Nat. Hist. (8) 5: 200, Feb. 1910. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

HETEROHYRAX SYRIACUS LADEMANNI Brauer

Heterohyrax lademanni Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 298, 10 Sep. 1917. Livingstone Mts., at Mwakete, Tanganyika Territory; other localities mentioned are Upangwa, Msangwa and Mlando.

HETEROHYRAX SYRIACUS MANNINGI (Wroughton)

Procavia brucei manningi Wroughton, Ann. Mag. Nat. Hist. (8) 5: 109, Jan. 1910. Mlanji, Nyasaland.

HETEROHYRAX SYRIACUS MOSSAMBICUS (Peters)

Hyrax mossambicus Peters, Sitzb. Ges. Naturf. Freunde, p. 25, 1869. Cabaçeira peninsula, Mozambique.

HETEROHYRAX SYRIACUS MÜNZNERI (Brauer)

Procavia (*Heterohyrax*) *münzneri* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 137, Feb. 1913. Bismarckburg, near Lake Tanganyika, Tanganyika Territory.

Heterohyrax münzneri ruckwaensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. Rukwa Lake, and Rudshugi Post, Tanganyika Territory.

HETEROHYRAX SYRIACUS PRINCEPS (Thomas)

Procavia brucei princeps Thomas, Ann. Mag. Nat. Hist. (8) 5: 199, Feb. 1910. Bourka, Arusi country, near Lake Zuai, Abyssinia, 5000 ft.

Heterohyrax arboricola Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 297, 10 Sep. 1917. Dembel Lake, north of Abbaja Lake, Galla, central Abyssinia.

HETEROHYRAX SYRIACUS PRITTWITZI Brauer

Heterohyrax brucei prittwitzi Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. No type locality designated, but Kilimatinde, Tanganyika Territory, may be selected from those named.

HETEROHYRAX SYRIACUS PUMILUS (Thomas)

Procavia pumila Thomas, Ann. Mag. Nat. Hist. (8) 5: 201, Feb. 1910. Fifty miles southeast of Berbera, British Somaliland. May be a distinct species.

HETEROHYRAX SYRIACUS RUDDI (Wroughton)

Procavia brucei ruddi Wroughton, Ann. Mag. Nat. Hist. (8) 5: 108, Jan. 1910. Tambarara, Gorongoza Mts., Mozambique.

HETEROHYRAX SYRIACUS RUDOLFI (Thomas)

Procavia pumila rudolfi Thomas, Ann. Mag. Nat. Hist. (8) 5: 202, Feb. 1910. North end of Lake Rudolf, Abyssinia, 2000 ft.

Procavia brucei borana Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 66, Jan. 1912. North of Northern Guaso Nyiro, east of Marsabit road, Kenya Colony.

HETEROHYRAX SYRIACUS SOMALICUS (Thomas)

P[rocavia] brucei somalica Thomas, Proc. Zool. Soc. London, p. 71, June 1892. Berbera, Somaliland.

Heterohyrax brucei hararensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 297, 10 Sep. 1917. Near Harar, Galla country, Abyssinia.

Heterohyrax pumila webensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin. p. 297, 10 Sep. 1917. Web River, southern Abyssinia.

HETEROHYRAX SYRIACUS SSONGEÆ Brauer

Heterohyrax brucei ssongeæ Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. No type locality specified; specimens noted from Ssongea, North Matengo, Papaj-Nyassa, Rhuira, Ussangira, southern Tanganyika Territory, of which the first may be designated as type locality.

Heterohyrax syriacus thomasi (Neumann)

Procavia thomasi Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 240, 1901. Kaffa, Gimirra, and Binescho, Omo Basin and basin of the Gelo (one of the sources of the Sobat), Anglo-Egyptian Sudan.

Heterohyrax syriacus victoria-njansæ Brauer

Heterohyrax brucei victoria-njansæ Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 299, 10 Sep. 1917. No type locality designated; specimens from Nyangesi, Mwanza, and Mondo, near Lake Victoria, Tanganyika Territory, of which Mwanza may be designated type locality.

Procavia Storr. Large-toothed Hyraxes

Procavia Storr, Prodromus Methodi Mamm., p. 40, pl. B, 1780. Thomas, Proc. Zool. Soc. London, p. 51, June 1892. Genotype *Cavia capensis* Pallas.

Hyrax Hermann, Tabula Affinitatum Anim., p. 115, 1783. Genotype *Cavia capensis* Pallas.

Euhyrax Gray, Ann. Mag. Nat. Hist. (4) 1: 46, Jan. 1868. Genotype *Hyrax habessinicus* Hemprich and Ehrenberg.

Procavia capensis capensis (Pallas)

Cavia capensis Pallas, Miscellanea Zool., p. 30, pls. 3, 4, 1766. Cape of Good Hope.

Dendrohyrax semicircularis Gray, Cat. Carnivorous, Pachydermatous and Edentate Mamm. Brit. Mus., p. 285, 1869. No locality.

P[rocavia] capensis coombsi Roberts, Ann. Transvaal Mus., 10: 76, 31 Jan. 1924. Hennops River, Pretoria, Transvaal.

Procavia capensis natalensis Roberts, Ann. Transvaal Mus., 10: 76, 31 Jan. 1924. Piggs Peak, Swaziland, Transvaal.

Procavia capensis chiversi Roberts

Procavia capensis chiversi Roberts, Ann. Transvaal Mus., 19: 101, 8 Nov. 1937. Mt. Fletcher, East Griqualand, south of Basutoland, South Africa.

Procavia capensis letabæ Roberts

Procavia capensis letabæ Roberts, Ann. Transvaal Mus., 19: 102, 8 Nov. 1937. Mokeetsi, northeastern Transvaal.

Procavia capensis marlothi Brauer

Pr[ocavia] capensis marlothi Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 33, Jan. 1914. Kranshœk and Nieuwveld Mts. near Beaufort West, northern Cape of Good Hope (Cape Colony).

Procavia capensis orangiæ Roberts

Procavia capensis orangiæ Roberts, Ann. Transvaal Mus., 19: 101, 8 Nov. 1937. Meadows, Orange Free State.

PROCAVIA CAPENSIS SCHULTZEI Brauer

Pr[ocavia] capensis schultzei Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 32, Jan. 1914. Chamis, Great Namaqualand, Southwest Africa.

PROCAVIA CAPENSIS WELWITSCHII (Gray)

Hyrax welwitschii Gray, Ann. Mag. Nat. Hist. (4) 1: 43, Jan. 1868. Rocky banks of River Maiomba, Mossamedes district, Angola.

Procavia flavimaculata Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 303, 10 Sep. 1917. Kaokoveld, northwestern Southwest Africa.

PROCAVIA CAPENSIS WINDHUKI Brauer

Pr[ocavia] capensis windhuki Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 30, Jan. 1914. Dobra and neighboring localities near Windhuk, Southwest Africa.

Pr[ocavia] capensis waterbergensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 33, Jan. 1914. Waterberg, Southwest Africa.

Pr[ocavia] capensis reuningi Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 31, Jan. 1914. Fürstenwalde, Lichtenstein and neighborhood, near Windhuk, Southwest Africa.

PROCAVIA HABESSINICA HABESSINICA (Hemprich and Ehrenberg)

Hyrax habessinicus Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 1, folio g, Aug. 1832. Coastal mountains of Abyssinia, near Arkiko and Eilet.

Euhyrax abyssinicus Gray, Ann. Mag. Nat. Hist. (4) 1: 47, Jan. 1868.

Hyrax habyssinicus Anderson and De Winton, Zool. of Egypt, Mamm., p. 326, 1902.

PROCAVIA HABESSINICA ALPINI (Gray)

Hyrax alpini Gray, Ann. Mag. Hist. Nat. (4) 1: 45, Jan. 1868. "Abyssinia."

H[yrax] ferrugineus Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. Abyssinia.

H[yrax] irroratus, var. *luteogaster* Gray, Ann. Mag. Nat. Hist. (4) 3: 242, Mar. 1869. "Very probably ..... Abyssinia."

Hyrax irroratus, var. *leucogaster* Gray, Handlist Edentates, etc., Brit. Mus., p. 42, 1873 (lapsus calami for *luteogaster*).

PROCAVIA HABESSINICA BURTONII (Gray)

Hyrax burtonii Gray, Ann. Mag. Nat. Hist. (4) 1: 43, Jan. 1868. "Egypt."

Hyrax dongolanus Blanford, ex Hemprich and Ehrenberg, Proc. Zool. Soc. London, for 1869, p. 642, Apl. 1870. Dongola.

Procavia ruficeps Thomas, Proc. Zool. Soc. London, p. 63, June 1892, not of Hemprich and Ehrenberg.

PROCAVIA HABESSINICA BUTLERI Wroughton

Procavia butleri Wroughton, Ann. Mag. Nat. Hist. (8) 8: 461, Oct. 1911. Jebel Fazogli, Blue Nile at Abyssinian border, 3500 ft.

PROCAVIA HABESSINICA DÆMON Thomas

Procavia dæmon Thomas, Ann. Mag. Nat. Hist. (8) 5: 199, Feb. 1910. Elgonyi, Mt. Elgon, Kenya Colony, 7000 ft.

Procavia dæmon varians Granvik, Acta Univ. Lundensis, (2) 21: no. 3, p. 26, 1925. East slopes of Mt. Elgon, Kenya Colony.

PROCAVIA HABESSINICA ERLANGERI Neumann

Procavia erlangeri Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 238, 1901. Headwaters of Webi Shebeli, Somaliland.

Procavia erlangeri capillosa Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 302, 10 Sep. 1917. Agada on the Abunass and Semæno, Arusi Land, central Abyssinia.

Procavia erlangeri comata Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 302, 10 Sep. 1917. Gara Mulata, near Harar, Galla, Abyssinia.

PROCAVIA HABESSINICA JACKSONI Thomas

Procavia jacksoni Thomas, Proc. Zool. Soc. London, p. 176, footnote, 1 June 1900. Ravine Station, Kenya Colony.

Procavia mackinderi zelotes Osgood, Publ. Field Mus. Nat. Hist., zool. ser., 10: no. 2, p. 5, 16 Feb. 1910. Between Naivasha and Kijabe, Kenya Colony.

PROCAVIA HABESSINICA MENELIKI Neumann

Procavia meneliki Neumann, Proc. Zool. Soc. London, 2: 143, Oct. 1902. Abuje and Badattino, Province of Gindeberat, south of Blue Nile, Abyssinia.

PROCAVIA HABESSINICA MINOR Thomas

P[rocavia] abyssinica minor Thomas, Proc. Zool. Soc. London, p. 66, June 1892. Alali, at 13° N., Red Sea coast.

PROCAVIA HABESSINICA PALLIDA Thomas

Procavia pallida Thomas, Ann. Mus. Civ. Stor. Nat., Genova, 30 = (2) 10: 908, 25 June 1891. Hekebo plateau, northern Somaliland.

PROCAVIA HABESSINICA SCIOANA (Giglioli)

Hyrax scioanus Giglioli, Ann. Mus. Civ. Stor. Nat., Genova, 26 = (2) 6: 21, 5 Mar. 1888. Ankober, Shoa.

Procavia shoana Thomas, Proc. Zool. Soc. London, p. 61, June 1892 (emendation).

PROCAVIA JOHNSTONI JOHNSTONI Thomas

Procavia johnstoni Thomas, Proc. Zool. Soc. London, p. 142, June 1894. Fort Lister, Nyasaland.

PROCAVIA JOHNSTONI LOPESI Thomas

Procavia lopesi Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 251, June 1907. Kodja Hill, Gaima Range, Kibali River, Monbuttu, Congo Belge.

Procavia ituriensis Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 303, 10 Sep. 1917. Ituri, Congo Belge.

PROCAVIA JOHNSTONI MACKINDERI Thomas

Procavia mackinderi Thomas, Proc. Zool. Soc. London, p. 176, 1 June 1900. Teleki Valley, Mt. Kenya, Kenya Colony, 13,000 ft.

PROCAVIA JOHNSTONI MATSCHIEI Neumann

Procavia matschiei Neumann, Zool. Jahrb., Syst., 13: 555, 10 Oct. 1900. Mwanza, Tanganyika Territory.

PROCAVIA JOHNSTONI VOLKMANNI Brauer

Pr[*ocavia*] *volkmanni* Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 35, Jan. 1914. Franzfontein, northern Southwest Africa.

PROCAVIA RUFICEPS RUFICEPS (Hemprich and Ehrenberg)

Hyrax ruficeps Hemprich and Ehrenberg, Symbolæ Physicæ, Zool., Mamm., dec. 1, folio h, pl. 2, upper fig., Aug. 1832. Dongola, Anglo-Egyptian Sudan.

Hyrax dongolanus Blanford, Proc. Zool. Soc. London, for 1869, p. 642, Apl. 1870 (in part).

PROCAVIA RUFICEPS BAMENDÆ Brauer

Procavia bamendæ Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 125, Feb. 1913. Bamenda, southwestern Cameroons.

PROCAVIA RUFICEPS BOUNHIOLI Kollmann

Procavia bounhioli Kollmann, Bull. Mus. d'Hist. Nat., Paris, 18: 281, 1912. Ahaggar, Sahara Desert, Algeria.

Procavia (*Heterohyrax*) *antineæ* Heim de Balsac and Bégouen, Bull. Mus. d'Hist. Nat., Paris, (2) 4:479, June 1932. Ahaggar, central Sahara, French West Africa.

PROCAVIA RUFICEPS BUCHANANI Thomas and Hinton

Procavia buchanani Thomas and Hinton, Novitates Zool., 28: 13, 14 May 1921. Aouderas, Asben, northern Nigeria.

PROCAVIA RUFICEPS EBNERI Wettstein

Procavia (*Procavia*) *ebneri* Wettstein, Anzeiger K. Akad. Wiss. Wien, math.-nat. Kl., 53: 162, 1916. Talodi, southern Kordofan, Anglo-Egyptian Sudan.

PROCAVIA RUFICEPS ELBERTI Brauer

Procavia elberti Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. Cave at Jade, about 7° N., 15° E., northern Cameroons.

Procavia naumanni Brauer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 300, 10 Sep. 1917. On the Bole, tributary of the Uham, 6° N., 16° E., northern Cameroons.

PROCAVIA RUFICEPS GOSLINGI Thomas

Procavia goslingi Thomas, Ann. Mag. Nat. Hist. (7) 15: 82, Jan. 1905. Nertang, Yerghum country, northern Nigeria.

PROCAVIA RUFICEPS KAMERUNENSIS Brauer

Procavia kamerunensis Brauer, Sitzb. Ges. Naturf. Freunde, p. 127, Feb. 1913. Lagdo Hills, southeast of Garua, northern Cameroons.

PROCAVIA RUFICEPS KERSTINGI Matschie

Procavia kerstingi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 59, 1899. Tshyati, 50 km. southeast of Pessi, about 7° 50′ N., near Togo-Dahomy boundary, Nigeria.

PROCAVIA RUFICEPS LATASTEI Thomas

Procavia latastei Thomas, Proc. Zool. Soc. London, p. 69, June 1892. Senegal, cotypes from Félou and Medine.

PROCAVIA RUFICEPS MARRENSIS Thomas and Hinton

Procavia ruficeps marrensis Thomas and Hinton, Proc. Zool. Soc. London, p. 271, 6 July 1923. Central part of Jebel Marra, Darfur, Anglo-Egyptian Sudan, 7100 ft.

PROCAVIA RUFICEPS MELFICA Mertens

Procavia sharica melfica Mertens, Senckenbergiana, Frankfurt a. M., 11: 121, 29 Apl. 1929. Melfi Mts., East Bagirmi, Chad district, French Equatorial Africa. (Omitted from Hahn's monograph, 1934.)

PROCAVIA RUFICEPS OWENI Thomas

Procavia oweni Thomas, Ann. Mag. Nat. Hist. (8) 8: 123, July 1911. Near Daley, Fouta Djalon, French Gambia.

PROCAVIA RUFICEPS SHARICA Thomas and Wroughton

Procavia sharica Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 522, June 1907. Kajibu, Shari River, French Equatorial Africa.

PROCAVIA RUFICEPS SLATINI Sassi

Procavia slatini Sassi, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 115: sect. 1, pt. 6, p. 1002, 2 pls., June 1906. Hills on the White Nile, south of Gondokoro, 5° N., Anglo-Egyptian Sudan.

Order PROBOSCIDEA. Proboscideans

Family ELEPHANTIDÆ. Elephants

Loxodonta F. Cuvier. African Elephants

Loxodonta F. Cuvier, Zool. Journ., 3: 140, Jan. 1827, based on the Loxodonte of E. Geoffroy and F. Cuvier, Hist. Nat. des Mammifères, pts. 51, 52, Nov. 1825. Genotype *Elephas capensis* F. Cuvier = *E. africanus* Blumenbach.

Loxodon Falconer, Quart. Journ. Geol. Soc. London, 13: 315 and synopt. tab., 1 Nov. 1857 (preoccupied). "Includes species allied to the African Elephant" hence genotype is *Elephas africanus* Blumenbach.

Loxodonta africana africana (Blumenbach). South African Bush Elephant.

Elephas africanus Blumenbach, Handbuch d. Naturgesch., ed. 5, p. 125, Atlas, pl. 19, f. C, 1797. No locality given, but selected as Orange River, South Africa (Pohle, H., Zeitschr. f. Säugethierk., 1: 63, 31 Aug. 1926).

Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 138, 1924) regards the statement of Roosevelt and Heller (Life Histories of African Game Animals, 2: 716, 1914) that "we have applied the older name, *africana*, to the form inhabiting the Congo basin," as fixing the type locality; this, however, is too general a statement, and may be interpreted as tentative only.

Elephas capensis F. Cuvier, Tableau Élémentaire de l'Hist. Nat. des Anim., p. 149, 1798. Orange River region, South Africa.

Elephas africanus toxotis Lydekker, Proc. Zool. Soc. London, p. 385, 388, text-f. 106, 107, 1 Aug. 1907. Western Cape of Good Hope; type mounted in South African Museum, Cape Town; type locality later corrected to Addo Bush, southeastern Cape of Good Hope.

Loxodonta africana knochenhaueri (Matschie)

Elephas africanus knochenhaueri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 1900. Barikiwa, southern Tanganyika Territory.

Loxodonta africana oxyotis (Matschie)

Elephas (*Loxodonta*) *oxyotis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 196, 1900. Upper Atbara River, Anglo-Egyptian Sudan.

The status of the following supposed races of Bush Elephant is still uncertain, though probably few of them will prove to be recognizable:—

Loxodonta africana angolensis Frade, Titulos e Trabalhos Cientificos, (Curriculum vitæ), Lisboa, p. 15, June 1928; Bull. Soc. Portuguaise des Sci. Nat., Lisbonne, 11: 322, Dec. 1933. Cunene region, Angola.

Elephas africanus cavendishi Lydekker, Proc. Zool. Soc. London, p. 394 (legend to text-f. 115, of type), 395 (characters), 1 Aug. 1907. Lake Rudolf district, northern Kenya Colony.

Elephas africanus moçambicus Frade, Bull. Soc. Portuguaise des Sci. Nat., Lisbonne, 9: 133, text-f. 4, 1924. Maputo region, Mozambique.

Elephas africanus orleansi Lydekker, Proc. Zool. Soc. London, p. 398 (legend to text-f. 118, of type, and in text), 1 Aug. 1907. Northern Somaliland.

Elephas africanus peeli Lydekker, Proc. Zool. Soc. London, p. 393 (legend to text-f. 114 of cotype), 394, 1 Aug. 1907. Aberdare Mts., Kenya Colony (first cotype); southeast Africa (second cotype).

Elephas africanus rothschildi Lydekker, Proc. Zool. Soc. London, p. 399, text-f. 119 (of "Jumbo"), 1 Aug. 1907. "Some part of the French Sudan, probably to the southward of Lake Chad."

Elephas africanus sclousi Lydekker, Proc. Zool. Soc. London, p. 387 (in legend to text-f. 108, of type), 388, text-f. 109, 389 (type designated), 1 Aug. 1907. Mashonaland, Rhodesia.

Loxodonta africana zukowskyi Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 68, footnote, July 1924. Kaokoveld, Southwest Africa.

Loxodonta cyclotis (Matschie). Forest Elephant

E[lephas] cyclotis or *Elephas capensis cyclotis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 194, 1900. Yaunde, southern Cameroons.

Elephas africanus pumilio Noack, Zool. Anzeiger, 29: 631, 8 Jan. 1906. French Congo.

Elephas africanus albertensis Lydekker, The Field (London), 107: 1089, 30 June 1906; Proc. Zool. Soc. London, p. 402, text-f. 121 (skull), 1 Aug. 1907. Southwest end of Albert Nyanza, Congo Belge.

Elephas africanus cottoni Lydekker, Proc. Zool. Soc. London, for 1907, p. 783, 4 June 1908; based on ear figured and described in Proc. Zool. Soc. London, p. 390, text-f. 111, 1 Aug. 1907. Congo.

Elephas africanus fransseni Schouteden, Revue Zool. Africaine, 3: 396, 20 Jan. 1914. M'Paa, near Lake Léopold II, Congo Belge.

For summary of history and characters, see Allen, G. M., Proc. Acad. Nat. Sci., Philadelphia, 88: 15–44, pl. 1–4, text-f. 1–2, 10 Mar. 1936.

Order SIRENIA. Sea-cows

Family DUGONGIDÆ. Dugongs

Dugong Lacépède

Dugong Lacépède, Tabl. des Mamm., p. 17, 1799; Buffon, Hist. Nat., Quadrupèdes, Didot ed., 14: 193, 1799. Genotype *Dugong indicus* Desmarest.

Platystomus G. Fischer, Das National Museum d. Naturgesch. zu Paris, 2: 353, 1803; Zoognosia, ed. 3, 1: 15, 19, 1813. Genotype *Platystomus dugong* (Gmelin) = *Trichecus dugon* Müller.

Dugungus Tiedemann, Zoologie, 1: 554, 1808, emendation.

Halicore Illiger, Prodromus Syst. Mamm. et Avium, p. 140, 1811. Genotype *Trichechus dugong* Gmelin = *Trichecus dugon* Müller.

Dugongidus Gray, London Medical Repos., 15: 309, 1 Apl. 1821. Genotype *Trichecus dugon* Müller.

Dugong dugon (P. L. S. Müller). Dugong.

Trichecus (sic) *dugon* P. L. S. Müller, Linné's Vollständigen Natursystems, Suppl., p. 21, 1776. "Vorgeburge der Guten Hofnung an, bis an die philippinischen Inseln."

H[alicore] hemprichii Ehrenberg, in Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Barkan Island, Red Sea.

H[alicore] lottum Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio k, footnote, Sep. 1832. Hauakel Island, southern part of Red Sea.

Halicore tabernaculi Rüppell, Mus. Senckenburgianum, 1: 113, pl. 6, 1834. Red Sea, based on a skeleton found on Maxud Island.

Halicore cetacea Heuglin, Reise in Nordost-Afrika, 2: 135, 1877. Red Sea. The name is attributed by Heuglin to Illiger.

Family TRICHECHIDÆ. Manatees

Review: Hatt, Robert T. The American Museum Congo Expedition manatee and other recent manatees. Bull. Amer. Mus. Nat. Hist., 66: 533–566, pl. 27 (exterior), 10 Sep. 1934.

Trichechus Linnæus

Trichechus Linnæus, Syst. Nat., ed. 10, 1: 34, 1758. Genotype *Trichechus manatus* Linnæus (see Opinion 112, Internat. Comm. on Zool. Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 19, 8 June 1929).

Manatus Brünnich, Zoologiæ Fundamenta, pp. 34, 38, 1772. Genotype *Trichechus manatus* Linnæus.

Oxystomus G. Fischer, Das National Museum d. Naturgesch. zu Paris, 2: 353, 1803. Genotype *Trichechus manatus* Linnæus.

Halipædisca Gistel, Naturgesch. d. Thierreichs f. Höhere Schulen, p. 83, 1848. Genotype *Manatus americanus* Desmarest.

Trichechus senegalensis Link. West African Manatee.

Trichechus manatus α australis Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 60, 1788 (in part). "Mari africano et americano." When, in 1800, Shaw restricted the name to the African manatee, the latter had already been named by Link.

Trichechus senegalensis Link, Beyträge z. Naturgesch., 1: sec. 2, p. 109, 1795. Senegal; based mainly on Buffon's account (Hist. Nat., 13: 431, 1765; suppl., 6: 403, 1782) after Adanson.

Trichechus æquatorialis Lacépède, Tableaux d. Mammifères, p. 17, 1799 (part), a nomen nudum.

Manatus stroggylonurus Bechstein, in Pennant's Allgemeine Uebersicht d. Vierfüssigen Thiere, 2: 732, 1800.

Manatus sphærurus Illiger, Abhandl. K. Akad. Wiss., Berlin, for 1804–11, p. 79, 87, 1815.

T[richechus] M[anatus] africanus Oken, Lehrb. d. Naturgesch., 3: sect. 2, p. 688, 1816. Senegal.

Manatus atlanticus Oken, Allgemein. Naturgesch. f. alle Stände, 7: sect. 2, p. 1098, 1838, in part. Atlantic coast of South America, especially Antilles, Cayenne, Surinam.

Manatus nasutus Wyman, Proc. Boston Soc. Nat. Hist., 2: 199, footnote, Mar. 1847. Caracalla River, 20 miles east of Cape Palmas, Ivory Coast.

Manatus vogelii Owen, Edinburgh New Philos. Journ., (2) 4: 346, Oct. 1856. Benué River, northern Nigeria.

Manatus owcni Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 367, Nov. 1860. Camma country, various localities named, about the mouth of the Gaboon River.

Range: West coast of Africa from Senegal to the Quanza River, Angola, following up the larger rivers where possible.

Order ARTIODACTYLA. Even-toed Ungulates

Section SUINA. Pigs and Hippos

Family HIPPOPOTAMIDÆ. Hippopotami

CHŒROPSIS Leidy. Pygmy Hippopotamus

Chærodes Leidy, Proc. Acad. Nat. Sci. Philadelphia, 6: 52, 1852, not of White, 1846. Genotype *Hippopotamus liberiensis* Morton.

Diprotodon Duvernoy, Compt. Rend. Acad. Sci. Paris, 29: 277, 1849, not of Owen, 1838. A subgenus of *Hippopotamus*, type *Hippopotamus liberiensis* Morton.

Chæropsis Leidy, Journ. Acad. Nat. Sci. Philadelphia, (2) 2: 213, pl. 21, Jan. 1853. Genotype *Hippopotamus liberiensis* Morton.

CHŒROPSIS LIBERIENSIS (Morton)

Hippopotamus minor Morton, Proc. Acad. Nat. Sci. Philadelphia, 2: 14, 1844, not of Desmarest, 1822. St. Paul's River, Liberia.

Hippopotamus (*Tetraprotodon*) *liberiensis* Morton, Journ. Acad. Nat. Sci. Philadelphia, (2) 1: 232, pl. 32–34, Aug. 1849. Substitute for *Hippopotamus minor* Morton, not Desmarest, 1822.

Range: Liberia and adjacent parts of Sierra Leone.

HIPPOPOTAMUS Linnæus

Hippopotamus Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. Genotype *Hippopotamus amphibius* Linnæus.

HIPPOPOTAMUS AMPHIBIUS AMPHIBIUS Linnæus. Northern Hippo

Hippopotamus amphibius Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. Nile River, Egypt.

Hippopotamus senegalensis Desmoulins, Dictionnaire Class. d'Hist. Nat., 8: 220, 1826. Senegal. See Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934.

Hippopotamus abyssinicus Lesson, Nouveau Tabl. Règne Anim., Mamm., p. 158, 1842, nomen nudum. Abyssinia.

Hippopotamus typus Duvernoy, Compt. Rend. Acad. Sci., Paris, 23: 650, 1846. Senegal to Abyssinia.

HIPPOPOTAMUS AMPHIBIUS CAPENSIS Desmoulins. Cape Hippo

Hippopotamus capensis Desmoulins, Dictionnaire Class. d'Hist. Nat., 8: 222, 1825. Lower Berg River, western Cape of Good Hope. See Schwarz, E., Ann. Mag. Nat. Hist. (10) 14: 261, Aug. 1934.

Hippopotamus australis Duvernoy, Compt. Rend. Acad. Sci. Paris, 23: 650, 1846. Cape of Good Hope.

HIPPOPOTAMUS AMPHIBIUS CONSTRICTUS Miller. Angola Hippo

Hippopotamus constrictus Miller, Smithsonian Misc. Coll., 54: no. 7, p. 1, pl. 1–4, lower fig., 28 Mar. 1910. Angola.

Hippopotamus constrictor Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 99, July 1924; lapsus for *H. constrictus*.

HIPPOPOTAMUS AMPHIBIUS KIBOKO Heller

Hippopotamus amphibius kiboko Heller, Smithsonian Misc. Coll., 61: no. 22, p. 1, 26 Jan. 1914. Lake Naivasha, Kenya Colony.

HIPPOPOTAMUS AMPHIBIUS TSCHADENSIS Schwarz

Hippopotamus amphibius tschadensis Schwarz, Ann. Mag. Nat. Hist. (8) 13: 31, Jan. 1914. Katana, Bornu, northern Nigeria.

Family SUIDÆ. Pigs

Subfamily SUINÆ

HYLOCHŒRUS Thomas. Giant Forest Pigs

Hylochœrus Thomas, Nature (London), 70: 577, 13 Oct. 1904; Proc. Zool. Soc. London, 2: 193 pls. 14, 15, 18 Apl. 1905. Genotype *Hylochœrus meinertzhageni* Thomas.

HYLOCHŒRUS MEINERTZHAGENI MEINERTZHAGENI Thomas

Hylochœrus meinertzhageni Thomas, Nature (London), 70: 577, 13 Oct. 1904; Proc. Zool. Soc. London, 2: 193, pls. 14, 15, 18 Apl. 1905. Kakumega Forest, near Kaimosi, Kenya Colony (see Loveridge, A., in Allen, G. M., and Lawrence, B., Bull. Mus. Comp. Zool., 79: 109, Jan. 1936).

Hylochœrus ituriensis Matschie, Ann. Mus. du Congo, Zool., (5 = 2) 1 = 2: pt. 1, p. 9, pl. 1–5, Oct. 1906. Upper Ituri Valley, eastern Congo Belge.

Hylochœrus gigliolii Balducci, Publ. R. Ist. Stud. Super., Firenze, p. 1–15, 2 pls., 1909. Upper Congo.

HYLOCHŒRUS MEINERTZHAGENI IVORIENSIS Bouet and Neuville

Hylochœrus meinhertzhageni (sic) *ivoriensis* Bouet and Neuville, Revue Hist. Nat., Soc. Nat. d'Acclimat. France, 11: no. 9, p. 284, Sep. 1930. Bolobo, Liberia, and Georgetown, Ivory Coast, both on lower Cavalla River.

HYLOCHŒRUS MEINERTZHAGENI RIMATOR Thomas

Hylochœrus rimator Thomas, Abstr. Proc. Zool. Soc. London, no. 25, p. 1, 23 Jan. 1906; Proc. Zool. Soc. London, 1: 2, text-f. 1, 7 June 1906. Ja River, Cameroons.

HYLOCHŒRUS MEINERTZHAGENI SCHULZI Zukowsky

Hylochœrus schulzi Zukowsky, Arch. f. Naturgesch., 87: sect. A, pt. 1, p. 181 (text-f.), 189, Dec. 1921. Mutjek and Meru Mts., west of Kilimanjaro, Tanganyika Territory, 2000 m.

PHACOCHŒRUS F. Cuvier. Wart Hogs

Aper Pallas, Miscellanea Zool., p. 16, pl. 2; pl. 4, f. 1, 2, 4, 1766. Genotype *Aper æthiopicus* Pallas.

Although *Aper* may be regarded as merely the masculine form of *Sus*, it is perhaps here used as a distinct generic term and as such would supersede *Phacochœrus*.

Phaco-chœrus G. Cuvier, Règne Animal, ed. 1, 1: 236, footnote, 1817. Genotype *Sus æthiopicus* Gmelin = *Aper æthiopicus* Pallas.

Eureodon G. Fischer, Mém. Soc. Imp. des Nat. Moscou, 5: 373, 1817. Genotype *Sus æthiopicus* Gmelin.

This name should be used in preference to *Phacochœrus* according to M. W. Lyon, Jr. (Proc. Biol. Soc. Washington, 28: 141, 29 June 1915).

Phascochœres Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 61, 1826, variant.

Dinochœrus Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: xxxii, 131, 1841. Genotype *Aper æthiopicus* Pallas.

Macrocephalus Elliot, Publ. Field Mus. Nat. Hist., zool., 8: 32, 1907, ex Frisch, Das Natur-System Vierfüss. Thiere, in Tabellen, p. 3, 1775 (Frisch's names are not available, since he is not consistently binomial). Genotype *Aper æthiopicus* Pallas.

For review of characters, see Lönnberg, E., Remarks on some wart-hog skulls in the British Museum. Proc. Zool. Soc. London, for 1908, p. 936–940, 8 Apl. 1909.

In addition to the living forms described, a number of subfossil fragments probably of no great age, have lately been named from South Africa.

PHACOCHŒRUS ÆTHIOPICUS ÆTHIOPICUS (Pallas). Cape Wart Hog

Aper æthiopicus Pallas, Spicilegia Zool., pt. 2, p. 2, pl. 1, 1767. South Africa, Cape of Good Hope.

Phacochœrus edentatus I. Geoffroy, Dictionnaire Classique d'Hist. Nat., 13: 320, 1828. Cape of Good Hope.

Phascochœrus (sic) *typicus* A. Smith, South African Quart. Journ., 2: 178, 1834. Interior of Cape Colony.

Phacochœrus pallasi Van der Hoeven, Nova Acta Acad. Cæs. Leop.-Carol., Breslau & Bonn, 19: 173, 1839. Cape of Good Hope.

PHACOCHŒRUS ÆTHIOPICUS ÆLIANI (Cretzschmar)

Phascochœres æliani Cretzschmar, in Rüppell's Atlas zu d. Reise im Nördlich. Afrika, Säugeth., p. 61, pl. 25, 26, 1826. Abyssinia, eastern slopes, and Kordofan.

Phacochœrus haroia Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 2, folio oo, pl. 20, Nov. 1832. Arkiko, Eritrea.

P[hacochœrus] sclateri Gray, Ann. Mag. Nat. Hist. (4) 6: 189, 263, Aug. 1870. Zoulla, Red Sea Coast. (Based on Sclater's account in Proc. Zool. Soc. London, p. 276, pl. 20 (col.), text-f., Sep. 1869.)

Phacochœrus massaicus Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, 2: Mamm., p. 54–55, 1908. Tanganyika Territory (olim "German East Africa"); probably Kilimanjaro-Meru region.

Made a synonym of *P. æthiopicus æliani* by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 51, 1924).

PHACOCHŒRUS ÆTHIOPICUS AFRICANUS (Gmelin). Western Wart Hog

Sus africanus Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 220, 1788. Cape Verde, Senegambia, (to Cape of Good Hope).

Phacochœrus incisivus I. Geoffroy, Dictionnaire Class. d'Hist. Nat., 13: 321, 1828. Cape Verde.

PHACOCHŒRUS ÆTHIOPICUS BARKERI Rothschild

Phacochœrus barkeri Rothschild, Ann. Mag. Nat. Hist. (9) 6: 416, Oct. 1920. Southwest of Bahr-el-Ghazal, Anglo-Egyptian Sudan.

PHACOCHŒRUS ÆTHIOPICUS BUFO Heller

Phacochœrus africanus bufo Heller, Smithsonian Misc. Coll., 61: no. 22, p. 2, 26 Jan. 1914. Rhino Camp, Lado Enclave.

PHACOCHŒRUS ÆTHIOPICUS CENTRALIS Lönnberg

Phacochœrus africanus centralis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 102, 1 Sep. 1917. Lake Albert Edward, Congo Belge.

PHACOCHŒRUS ÆTHIOPICUS DELAMEREI Lönnberg

Phacochœrus delamerei Lönnberg, Proc. Zool. Soc. London, for 1908, p. 940, 8 Apl. 1909. Northern Somaliland (see Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 4: 371, 1915).

PHACOCHŒRUS ÆTHIOPICUS FOSSOR Schwarz

Phacochœrus æthiopicus fossor Schwarz, Ann. Mag. Nat. Hist. (8) 11: 265, Feb. 1913. Ketekma, east of Tschekna, Bagirmi, French Equatorial Africa.

PHACOCHŒRUS ÆTHIOPICUS SHORTRIDGEI St. Leger

Phacochœrus æthiopicus shortridgei St. Leger, Ann. Mag. Nat. Hist. (10) 10: 86, July 1932. Numkaub, Grootfontein district, Southwest Africa.

PHACOCHŒRUS ÆTHIOPICUS SUNDEVALLII Lönnberg

Phacochœrus sundevallii Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, 2: Mamm., p. 54, 1908. Natal.

POTAMOCHŒRUS Gray. Red River Hogs or Bush Pigs

Potamochœrus Gray, Proc. Zool. Soc. London, for 1852, p. 129, pl. 34, 27 June 1854. Genotype *Choiropotamus pictus* Gray.

For use of *Potamochœrus*, see Schwarz, E., Der Gattungsname der afrikanischen Flussschweine, Zeitschr. f. Säugetierkunde, 8: 284, 20 Dec. 1933.

Choiropotamus Gray, List. Mamm. Brit. Mus., p. 185, 13 May 1843. Genotype *Sus africanus* Schreber = *Sus koiropotamus* Desmoulins. Name preoccupied by *Chœropotamus* Desmarest, 1822, for a genus of extinct ungulates from France.

Koiropotamus Gray, List Spec. Mamm. Brit. Mus., p. xxvii, 13 May 1843. Based on *Sus africanus* Schreber, not Gmelin, = *Sus koiropotamus* Desmoulins.

According to Palmer, No. Amer. Fauna, no. 23, p. 358, 1904, this is a nomen nudum, but Hollister, Proc. Biol. Soc. Washington, 34: 77, 31 Mar. 1921, regards it as a valid name for the genus. Since both *Choiropotamus* and *Koiropotamus* are from the same words as *Chœropotamus*, it seems best to accept the better-known *Potamochœrus*.

Nyctochœrus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: suppl. to sect. 2, p. 7, 1863. Genotype *Nyctochœrus hassama* Heuglin.

See Lönnberg, E. Contributions to the knowledge of the genus *Potamochœrus*. Arkiv f. Zool., 7: no. 6, p. 1–40, 5 text-f., 28 Nov. 1910.

de Beaux, Oscar. Beitrag zur Kenntnis der Gattung *Potamochœrus* Gray (= *Choiropotamus* Gray, 1843. Thomas), in Proc. Biol. Soc. Washington, vol. 34, 1921, p. 135); Zool. Jahrb., Syst., 47: 379–503, pl. 4–6, 3 text-f., 25 June 1924.

POTAMOCHŒRUS LARVATUS LARVATUS (F. Cuvier)

Sus larvatus F. Cuvier, Mém. Mus. d'Hist. Nat. Paris, 8: 447, pl. 22, 1822. Madagascar.

Phacochœrus koiropotamus Lesson, Nouv. Tabl. Règne Anim., Mamm., p. 162, 1842. Madagascar.

Sus madagascariensis A. Grandidier, Revue et Mag. de Zool. (2), 19: 85, Mar. 1867. West coast of Madagascar.

Potamochœrus edwardsi A. Grandidier, Revue et Mag. de Zool. (2), 19: 318, Sep. 1867. Morondava, southwest coast of Madagascar.

Choiropotamus africanus Gray, List Spec. Mamm. Brit. Mus., p. 185, 13 May 1843, in part.

Potamochœrus larvatus hova Lönnberg

Potamochœrus larvatus hova Lönnberg, Arkiv f. Zool., 7: no. 6, p. 32, 28 Nov. 1910. Ampitambe, eastern Madagascar.

Potamochœrus porcus porcus (Linnæus)

Sus porcus Linnæus, Syst. Nat., ed. 10, 1: 50, 1758. Guinea, West Africa, based on Marcgrave's *Porcus guincensis*.

Sus penicillatus Schinz, Monogr. Säugeth., pt. 10, p. 12, 1848.

Potamochœrus porcus albifrons Du Chaillu

Potamochœrus albifrons Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 301, July 1860. Between Cape Lopez and Cape St. Catherine, and headwaters of Fernand-Vaz River.

Potamochœrus porcus albifrons Lönnberg, Arkiv f. Zool., 7: no. 6, p. 11, 28 Nov. 1910.

Potamochœrus porcus albinuchalis Lönnberg

Potamochœrus porcus albinuchalis Lönnberg, Revue Zool. Africaine, 7: 245, 30 Dec. 1919. Lake Léopold II, Congo Belge.

Potamochœrus porcus arrhenii Lönnberg

Potamochœrus intermedius arrhenii Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 104, text-f. 10–11, 1 Sep. 1917. Rutshuru, eastern Congo Belge.

Potamochœrus porcus congicus Lönnberg

Potamochœrus porcus congicus Lönnberg, Arkiv f. Zool., 7: no. 6, p. 14, text-f. 2, 28 Nov. 1910. Mukimbungu, Lower Congo, Congo Belge.

Potamochœrus porcus cottoni Pinfold

Potamochœrus chœropotamus cottoni Pinfold, Ann. Mag. Nat. Hist. (10) 2: 99, July 1928. Tunda, Quanza district, Angola.

Potamochœrus porcus dæmonis Major

Potamochœrus chœropotamus dæmonis Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 1; pl. 26, f. 3, 1 Aug. 1897. Kilimanjaro, Tanganyika Territory.

Potamochœrus porcus hassama (Heuglin)
Nyctochœrus hassama Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 30: no. 2, suppl., p. 7, 1863. Abyssinia.

Potamochœrus porcus intermedius Lönnberg
Potamochœrus intermedius Lönnberg, Arkiv f. Zool., 7: no. 6, p. 38, 28 Nov. 1910. Victoria Nile, Uganda, 4000 ft.

The presence of this intermediate race breaks down Lönnberg's theory of a western and an eastern species of bush pig, so that all seem best regarded as races of *P. porcus* Linnæus.

Potamochœrus porcus johnstoni Major
Potamochœrus johnstoni Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 3; pl. 26, f. 1, 1 Aug. 1897. Ngarawi Valley, northwestern Nyasaland.

Potamochœrus porcus keniæ Lönnberg
Potamochœrus chœropotamus keniæ Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 66 Jan. 1912. Forests near Nairobi, Kenya Colony.

Potamochœrus porcus koiropotamus (Desmoulins)
Sus koiropotamus Desmoulins, Dictionnaire Classique d'Hist. Nat., 17: 139, pl. 10, f. 2, 1831. Probably South Africa.
Sus africanus Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 220, 1788, in part. Cape Verde to Cape of Good Hope.
Sus capensis Gerrard, Cat. Bones of Mamm. Brit. Mus., p. 277, 1862, a nomen nudum. South Africa.
Potamochœrus chœropotamus Major, Proc. Zool. Soc. London, p. 366, 1 Aug. 1897. Lydekker, Cat. Ungulate Mamm. Brit. Mus., 4: 350, 1915.

Potamochœrus porcus maschona Lönnberg
Potamochœrus chœropotamus maschona Lönnberg, Arkiv f. Zool., 7: no. 6, p. 20, 28 Nov. 1910. Mashonaland, northeastern Rhodesia.

Potamochœrus porcus mawambicus Lorenz
Potamochœrus porcus mawambicus Lorenz, Ann. Nat. Hist. Mus. Wien, 36: 90, text-f. 1, Aug. 1923. Mawambi, Ituri district, eastern Congo Belge.

Potamochœrus porcus nyasæ Major
Potamochœrus chœropotamus nyasæ Major, Proc. Zool. Soc. London, p. 367, pl. 25, f. 3; pl. 26, f. 4, 1 Aug. 1897. Zomba, Nyasaland.

Potamochœrus porcus pictus (Gray)
Choiropotamus pictus Gray, Ann. Mag. Nat. Hist. (2) 10: 281, Oct. 1852. Cameroon River, Cameroons.

Potamochœrus porcus somaliensis de Beaux
P[otamochœrus] larvatus somaliensis de Beaux, Zool. Jahrb., Syst., 47: 490, pl. 4, f. 3; pl. 6, f. 16, 25 June 1924. Bulo Burti, upper Webi Shebeli, Somaliland.

Potamochœrus porcus ubangensis Lönnberg

Potamochœrus porcus ubangensis Lönnberg, Arkiv f. Zool., 7: no. 6, p. 10, 28 Nov. 1910. Ubangi, northern Congo Belge.

Sus Linnæus. Common Pig; Wild Boar

Sus Linnæus, Syst. Nat., ed. 10, 1: 49, 1758. Genotype *Sus scrofa* Linnæus.

Centuriosus Gray, Proc. Zool. Soc. London, p. 17, June 1862. As a subgenus of *Sus*, type *Sus pliciceps* Gray.

Gyrosus Gerrard, ex Gray MS., Cat. Bones Mamm. Brit. Mus., p. 278, 10 Mar. 1862; Gray, Cat. Carniv., Pachyderm., and Edentate Mamm. Brit. Mus., p. 347, 1869. As a subgenus of *Sus*, type *Sus pliciceps* Gray.

Scrofa Gray, Proc. Zool. Soc. London, p. 38, May 1868. Genotype *Sus domesticus* Brisson = *Sus scrofa* Linnæus.

Euhys Gray, Cat. Carniv., Pachyderm., and Edentate Mamm. Brit. Mus., p. 339, 1869. As a subgenus of *Sus*, type *Sus barbatus* S. Müller.

Aulacochœrus Gray, Ann. Mag. Nat. Hist. (4) 11: 435, June 1873. Genotype *Sus vittatus* S. Müller.

Dasychœrus Gray, Ann. Mag. Nat. Hist. (4) 11: 435, June 1873. Genotype not designated; included *Sus verrucosus* Müller and *S. celebensis* Müller.

Sinisus Heude, Mém. concern. Hist. Nat. de l'Empire Chinois, 2: pt. 2, p. 102, 1892. As a subgenus of *Sus*, type not designated, but term applied to the Chinese forms of *Sus scrofa*.

Sus scrofa algira Loche. Barbary Pig

Sus scrofa var. *barbarus* P. L. Sclater, Proc. Zool. Soc. London, p. 443, 1860. "Ex Afr. bor." = ? Morocco. This is a nomen nudum.

Sus scrofa var. *algira* Loche, Exploration Sci. de l'Algérie, Zool., Mammif., p. 59, 1867. Algeria, country of Beni Sliman.

Sus gambianus Gray, Cat. Carniv., Pachyderm. and Edentate Mamm. Brit. Mus., p. 346, 1869. Gambia; a nomen nudum applied to the domestic pig.

Sus scrofa sahariensis Heim de Balsac

Sus scrofa sahariensis Heim de Balsac, Suppl. au Bull. Biol. de France et de Belgique, Paris, 21: 330 (brief description), 47, 95, 237 (mention), 1936; Bull. Soc. Zool. de France, 62: 333, 14 Aug. 1937 (formal description). Jebel Guettar, northwest of Ain Sefra, Algeria.

Sus scrofa sennaarensis Gray

Sus sennaarensis Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Kl., 29: 365, 1858 (nomen nudum). Gray, Proc. Zool. Soc. London, p. 32, May 1868 (description). "Sennaar; Kordofan; Sudan."

Range: Formerly from Egypt to Sennaar and Kordofan; exterminated in the Nile Delta in the early '90's; persisted in Wadi Natron till about 1902, but restocked there with pigs from Hungary or Austrian Poland (see Flower, S. S., Proc. Zool. Soc. London, p. 442–443, 8 July 1932).

Section Tylopoda

Family CAMELIDÆ

Camelus Linnæus. Camels

Camelus Linnæus, Syst. Nat., ed. 10, 1: 65, 1758. Genotype *Camelus bactrianus* Linnæus (see Opinions of Intern. Comm. on Nomenclature, p. 37, 1910; notwithstanding that Palmer in 1904 designated *C. dromedarius* as type).

Camelus dromedarius Linnæus. One-humped Camel

Camelus dromedarius Linnæus, Syst. Nat., ed. 10, 1: 65, 1758. "Africa." Deserts of Libya and Arabia (see Thomas, O., Proc. Zool. Soc. London, p. 150, 22 Mar. 1911).

The camel has never been known from Africa in a wild state within historic times although reported as fossil in Algeria. For an account of its introduction by man into northeastern Africa, see Robinson, A. E., The extinct fauna of north-east Africa, Journ. Soc. for Preservation of the Fauna of the Empire, new ser., pt. 23, p. 43–48, Sep. 1934.

Section Tragulina. Chevrotains

Family TRAGULIDÆ

Hyemoschus Gray. Water Chevrotains

Hyemoschus Gray, Ann. Mag. Nat. Hist. (1) 16: 350, Nov. 1845. Genotype *Moschus aquaticus* Ogilby.

Variants: *Hyeomoschus* Turner, Proc. Zool. Soc. London, for 1849, p. 158, 1850; *Hyomoschus* Blyth, Proc. Zool. Soc. London, for 1864, p. 483, May 1865; *Hyæmoschus* Zittel, Handb. d. Palæontol., 4: pt. 2, p. 387, 1893.

On the use of this name instead of *Dorcatherium*, see Thomas, O., On the generic names applicable to the chevrotains (Tragulidæ), Ann. Mag. Nat. Hist. (8) 18: 72–73, July 1916.

Dorcatherium Kaup, Neues Jahrb. f. Mineral., p. 419, 1833; Descr. Ossem. Foss. Mamm. Mus. Darmstadt, no. 5, p. 91; Atlas, pl. 23, f. 1–16; 23 A; 23 B; 23 C, f. 1–7, 1839. Genotype *Dorcatherium naui* Kaup (fossil, upper Miocene or lower Pliocene of Eppelsheim, Germany), in part, of Flower and Lydekker, and others.

Hyemoschus aquaticus aquaticus (Ogilby)

Moschus aquaticus Ogilby, Proc. Zool. Soc. London, for 1840, p. 35, Jan. 1841. Sierra Leone.

Dorcatherium aquaticum typicum Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906.

Hyemoschus aquaticus batesi (Lydekker)

D[orcatherium] a[quaticum] batesi Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906. Efulen, Cameroons.

Hyemoschus aquaticus cottoni (Lydekker)

D[orcatherium] a[quaticum] cottoni Lydekker, Proc. Zool. Soc. London, 1: 113, 7 June 1906. Ituri Forest, eastern Congo Belge.

Section Pecora

Family CERVIDÆ. Deer

Cervus Linnæus. Red Deer

Cervus Linnæus, Syst. Nat., ed. 10, 1: 66, 1758. Genotype *Cervus elaphus* Linnæus.

Elaphus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 307, 1827. Subgenus of *Cervus*, no type designated; included *Cervus elaphus*, *C. canadensis*, *C. occidentalis* and *C. wallichii*.

Harana Hodgson, Ann. Mag. Nat. Hist. (1) 1: 154, Apl. 1838. A subgenus of *Cervus;* type *Cervus wallichii*.

Strongyloceros Owen, Hist. Brit. Fossil Mamm. and Birds, p. 469, f. 193, 195, 1846. As a subgenus of *Cervus* for *C. spelæus* Owen and *C. elaphus* Linnæus.

Cervus elaphus barbarus Bennett. Barbary Deer

Cervus barbarus Bennett, (List Animals in Gardens Zool. Soc. London, p. 31, 1837); in L. Fraser, Zool. Typica, pl. 13, (about 1846). North Africa.

Cervus corsiniacus Gervais, Ann. des Sci. Nat., zool., (3) 10: 206, 1848.

Range: Local, and now rare in parts of Tunis, and Algeria (? Senegambia, apud Lydekker).

Dama Hamilton Smith. Fallow Deer

Dama Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 306, 1827. As a subgenus of *Cervus*, type *Cervus dama* Linnæus; raised to generic rank by Burnett (Quart. Journ. Sci., Lit. and Art, 28: 353, 1830).

Platyceros Wagner, Schreber's Säugthiere, Suppl., 4: 347, 1844. As a subgenus of *Cervus;* type *Cervus dama* Linnæus.

Dactyloceros Wagner, Schreber's Säugthiere, Suppl., 5: 352, 1855. As a subgenus of *Cervus*; type *Cervus dama* Linnæus.

Dama dama dama (Linnæus). Fallow Deer

Cervus dama Linnæus, Syst. Nat., ed. 10, 1: 67, 1758. No locality; based on captive deer in Sweden.

Cervus platyceros G. Cuvier, Tableau Élém. d'Hist. Nat. des Anim., p. 160, 1798. "Notre pays," i.e., France.

Cervus mauricus F. Cuvier, Bull. des Sci., Soc. Philom., Paris, p. 82, 1816. No locality.

Dama vulgaris Jardine, Naturalist's Library, Mamm., 3: 152, pl. 7, 1835. Moldavia and Lithuania.

Range: Although attributed to Egypt on the basis of ancient Egyptian representations, these were probably made from introduced animals (see Dawson, W. R., Deer in ancient Egypt, Journ. Linn. Soc., London, zool., 39: 137–145, 14 text-f., 3 Oct. 1934). Rare in Algeria and Tunis, where probably introduced.

Family GIRAFFIDAE. Giraffes

Giraffa Brisson

Giraffa Brisson, Regnum Anim. in Classes IX Distrib., ed. 2, pp. 12, 37, 1762. Genotype *Giraffa giraffa* Brisson = *Cervus camelopardalis* Linnæus.

Camelopardalis Schreber, Säugthiere, 5: 1139, pl. 255*, 1784. Genotype *Camelopardalis giraffa* Schreber = *Cervus camelopardalis* Linnæus.

Orasius Oken, Lehrbuch d. Naturgesch., pt. 3, sect. 2, p. 744, 1816. Genotype *Cervus camelopardalis* Linnæus.

Trachelotherium Gistel, Naturgesch. d. Thierreichs f. Höhere Schulen, p. 81, 1848. New name for *Camelopardalis* Schreber. Genotype *Giraffa camelopardalis* (Linnæus).

Review: Lydekker, R. On the subspecies of *Giraffa camelopardalis*. Proc. Zool. Soc. London, 1: 202–227, text-f. 23–37, pl. 9–16, 9 June 1904.

Giraffa camelopardalis camelopardalis (Linnæus). Nubian Giraffe

Cervus camelopardalis Linnæus, Syst. Nat., ed. 10, 1: 66, 1758. "Æthiopia and Sennar," i.e., Cairo, Egypt, in captivity; assumed to be from the Abyssinian, or Kassala, side of Upper Nubia, Anglo-Egyptian Sudan.

Camelopardalis giraffa Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 181, 1788. Sennaar between upper Egypt and Ethiopia.

Camelopardalis æthiopica Ogilby, Proc. Zool. Soc. London, for 1836, p. 134, 27 June 1837. No locality.

Giraffa camelopardalis angolensis Lydekker. Angola Giraffe.

Giraffa camelopardalis angolensis Lydekker, Hutchinson's Animal Life, 2: 121, 1903; Proc. Zool. Soc. London, 1: 221, pl. 14 (col.), 9 June 1904. Cunene River, 150 miles southwest of Humbe, Angola.

GIRAFFA CAMELOPARDALIS ANTIQUORUM (Jardine). Kordofan Giraffe

Camelopardalis antiquorum Jardine, Naturalist's Library, Mamm., 3: 187, pl. 21, 1835. "Senaar and Darfour," Anglo-Egyptian Sudan.

Giraffa senaariensis Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 4, p. 902, 1898. Name here credited to E. Geoffroy without further reference; it is evidently based on the account by I. Geoffroy, Ann. des Sci. Nat., (1) 11: 210–223, pl. 22, 1827, of a giraffe from south of Sennaar, Anglo-Egyptian Sudan.

GIRAFFA CAMELOPARDALIS CAPENSIS (Lesson). Cape Giraffe

Camelopardalis capensis Lesson, Nouv. Tabl. Règne Anim., Mammif., p. 168, 1842. Cape of Good Hope. (Based on account by Levaillant, Voyage, pl. 8, 9, 1789.)

Giraffa camelopardalis australis Rhoads, Proc. Acad. Nat. Sci. Philadelphia, p. 518, 8 Dec. 1896. South Africa (by implication).

Giraffa camelopardalis capensis Lydekker, Proc. Zool. Soc. London, 1: 224, text-f. 36, pl. 16 (col.), 9 June 1904.

GIRAFFA CAMELOPARDALIS CONGOENSIS Lydekker. Congo Giraffe

Giraffa camelopardalis congoensis Lydekker, Hutchinson's Animal Life, 2: 83, 1903; Proc. Zool. Soc. London, 1: 219, text-f. 33, 9 June 1904. Dungu, northeast of Uele district, Congo Belge, not Katanga as originally given (see Schouteden, H., Revue Zool. Africaine, 2: 134, 30 Sep. 1912).

Range: Uele region to the Lado.

GIRAFFA CAMELOPARDALIS COTTONI Lydekker

Giraffa camelopardalis cottoni Lydekker, Proc. Zool. Soc. London, 1: 207, text-f. 25, pl. 15, f. 1, 9 June 1904. Koten plain, extreme south of the Topora (Doborsa) country, 3° 50′ N., 34° 30′ E., Uganda.

GIRAFFA CAMELOPARDALIS INFUMATA Noack

Giraffa infumata Noack, Zool. Anzeiger, 33: 356, 18 Aug. 1908. Barotse, middle Zambesi region, Northern Rhodesia.

Giraffa camelopardalis thornicrofti Lydekker, Nature (London), 87: 484, 12 Oct. 1911. Northeastern Rhodesia.

GIRAFFA CAMELOPARDALIS PERALTA Thomas. Nigerian Giraffe

G[iraffa] c[amelopardalis] peralta Thomas, Proc. Zool. Soc. London, p. 40, 1 June 1898. Near Lokoja, junction of Niger and Benue Rivers, Nigeria, 7° N., 8° E.

GIRAFFA CAMELOPARDALIS ROTHSCHILDI Lydekker

Giraffa camelopardalis rothschildi Lydekker, Hutchinson's Animal Life, 2: 122, 1903; Proc. Zool. Soc. London, 1: 210, text-f. 26, 27, pls. 12, 13, 9 June 1904. Guas Ngishu plateau, east of Lake Baringo, Kenya Colony.

GIRAFFA CAMELOPARDALIS TIPPELSKIRCHI Matschie. Kilimanjaro Giraffe

Giraffa tippelskirchi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 78, 1898. Lake Eyassi, southeast of Victoria Nyanza, Tanganyika Territory.

Giraffa schillingsi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 79, 1898. Taveta, Kenya Colony.

Giraffa camelopardalis tippelskirchi Lydekker, Proc. Zool. Soc. London, 1: 214, text-f. 28–32, 9 June 1904.

GIRAFFA CAMELOPARDALIS WARDI Lydekker. Northern Transvaal Giraffe

Giraffa camelopardalis wardi Lydekker, Proc. Zool. Soc. London, 1: 221, text-f. 34, 35, pl. 15, f. 2, 9 June 1904. Northern Transvaal.

GIRAFFA RETICULATA De Winton. Reticulated Giraffe

Giraffa camelopardalis reticulata De Winton, Ann. Mag. Nat. Hist. (7) 4: 212, Sep. 1899. Loroghi Mts., Kenya Colony.

Giraffa hagenbecki Knottnerus-Meyer, Zool. Anzeiger, 35: 800, 21 June 1910. Gallaland, southern Abyssinia.

G[iraffa] reticulata nigrescens Lydekker, Nature (London), 87: 484, 12 Oct. 1911. Probably the district north of Mt. Kenya, Kenya Colony.

OKAPIA Lankester. Okapi

Okapia Lankester, Nature (London), 64:24 7, 4 July 1901. Genotype *Okapia johnstoni* (Sclater).

Ocapia Lankester, Science, new ser., 14: 114, 19 July 1901, ("quoting London Times, June 18"); variant.

OKAPIA JOHNSTONI (P. L. Sclater). Okapi

Equus(?) *johnstoni* P. L. Sclater, Proc. Zool. Soc. London, 1: 50, text-f. 7, 1 June 1901. Mundala, Semliki forest, eastern Congo Belge.

Okapia tigrinum Johnston, Cornish's Living Animals of the World, 1: 270, 1901.

Okapia johnstoni Lankester, Nature (London), 64: 247, 4 July 1901; Trans. Zool. Soc. London, 16: 279–314, pl. 30–32, 15 text-f., Aug. 1902; Monograph of the okapi, atlas, 48 pls., 1910 (Brit. Mus). Semliki forest, Congo Belge near Fort Mbeni.

Okapia erikssoni Lankester, Ann. Mag. Nat. Hist. (7) 10: 417, Nov. 1902. Semliki forest, Congo Belge.

Okapia liebrechtsi Major, Proc. Zool. Soc. London, 2: 73, text-f. 7, Oct. 1902. Mundalah, on road from Mawambi to Beni, Congo Belge.

Ocuapia (sic) *kibalensis* Gatti, Great Mother Forest, (privately printed), p. 295, plates, 1937. Southwest of Lake Albert, eastern Congo Belge.

On the supposed races and their identity, see Schouteden, H., Notes sur l'okapi, Revue Zool. Africaine, 2: 482–485, 30 May 1913.

Family BOVIDÆ. Cattle, Antelope, Goats

Subfamily ALCELAPHINÆ

Alcelaphus Blainville. Hartebeests

Alcelaphus Blainville, Bull. des. Sci., Soc. Philom., Paris, p. 75, May 1816. Genotype *Antilope bubalis* Pallas = *Antilope buselaphus* Pallas (see Thomas and Sclater, Book of Antelopes, 1: pt. 1, pp. 5, 7, Aug. 1894).

Bubalis Goldfuss, Handbuch d. Zool., 2: 367, 1820. Genotype *Antilope buselaphus* Pallas. As usually quoted from Frisch, 1775, this name is not available since that author was non-binomial; nor is *Bubalis* Lichtenstein, 1814, valid (see Lyon, M. W., Jr., Proc. Biol. Soc. Washington, 27: 228, 29 Dec. 1914; Hollister, N., Proc. Biol. Soc. Washington, 34: 77, 31 Mar. 1921).

Damalis Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 343, 1827. Genotype not designated but taken as *Antilope buselaphus* Pallas.

Acronotus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 346, 1827. As a subgenus of *Damalis*, type *Antilope buselaphus* Pallas.

Bubalus Ogilby, Proc. Zool. Soc. London, for 1836, p. 139, 27 June 1837, not of A. Smith, 1827. Genotype *Bubalus mauritanicus* Ogilby = *Antilope bubalis* Pallas.

Sigmoceros Heller, Smithsonian Misc. Coll., 60: no. 8, p. 4, 2 Nov. 1912. Genotype *Bubalis lichtensteini* Peters.

Review: Ruxton, A. E., and Schwarz, Ernst. On hybrid hartebeests and on the distribution of the *Alcelaphus buselaphus* group. Proc. Zool. Soc. London, p. 567–583, map, 3 graphs, 2 pls., 16 Oct. 1929.

Lydekker, R., and Blaine, Gilbert. Catalogue of the ungulate mammals in the British Museum (Natural History). Vol. 2, pp. 2–58, 1914.

Alcelaphus buselaphus buselaphus (Pallas). Bubal Hartebeest

Antilope buselaphus Pallas, Miscellanea Zool., p. 7, 1766. Probably Morocco.

Antilope bubalis Pallas, Spicilegia Zool., pt. 1, p. 12, 1767; pt. 12, p. 16, 1777. "Africæ . . . borealiori."

Bubalus mauretanicus Ogilby, Proc. Zool. Soc. London, for 1836, p. 139, 27 June 1837. No locality; a new name for *Antilope bubalis* Pallas.

A[lcelaphus] bubalinus Flower and Lydekker, Introduct. to Study of Mamm., p. 335, 1891.

Boselaphus probubalis Pomel, Carte Géol. Algérie, Palćont., Bosél., p. 27, pl. 4, f. 1–11, 14–15; pl. 5, f.1; pl. 6, f.1–13; pl. 7, f.1–6; pl. 8, f. 1–9; pl. 9, f.1–4; pl. 10, f.1–5, 1894. Aboukir, Algeria.

Boselaphus ambiguus Pomel, Carte Géol. Algérie, Palćont., Bosél., p. 52, pl. 4, f. 12, 13; pl. 6, f. 14–19; pl. 8, f. 10–12; pl. 9, f. 5–7; pl. 10, f. 6–8, 1894. Ternifine, Algeria.

Boselaphus saldensis Pomel, Carte Géol. Algérie, Paléont., Bosél., p. 48, pl. 5, f. 3–19, 1894. Bougie, Algeria.

Bubalis boselaphus Trouessart, Cat. Mamm. Viv. Foss., new ed., 2: pt. 4, p. 905, 1898; emendation.

Bubalis bubastis Blaine, Ann. Mag. Nat. Hist. (8) 13: 335, Mar. 1914. Abadiyeh, near Kena, Egypt, from excavations.

Ruxton and Schwarz (Proc. Zool. Soc. London, p. 575, 16 Oct. 1929) show that this is synonymous with *A. buselaphus* (Pallas).

Range: Formerly the central part of eastern Morocco, at the east foot of the Great Atlas, in the region between high Muluya, the springs of Guir and the small streams that form the Uad Ziz, thence south to the South Oranés, between Géryville and Xott Tigri; at one time eastward probably to Egypt. Now nearly, or quite extinct (see Cabrera, 1932).

ALCELAPHUS BUSELAPHUS COKII Günther. Coke's Hartebeest

Alcelaphus cokii Günther, Ann. Mag. Nat. Hist. (5) 14: 426, text-f. 1, Dec. 1884. Mlali plains, east of Mpwapwa, Tanganyika Territory.

Bubalis cookei Noack, Sitzb. Ges. Naturf. Freunde, Berlin, pp. 94, 95, 1905; misspelling of *cokii*.

Bubalis cokei sabakiensis Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 97, pl. 1, 1913; based on account and fig. in Wild und Hund, 16: 225, 1910. Athi plains, south of Nairobi, Kenya Colony.

Bubalis cokei tanæ Matschie and Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 97, 1913; 80: sect. A, pt. 1, p. 167, upper fig., 1914. North of Nairobi, Tana Region, Kenya Colony.

Bubalis cokei wembærensis Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 98, 1913; based on account in Wild und Hund, 16: 208, 1910. Wembaere plains, Lake Ushuto and Mkalamo, Tanganyika Territory.

Bubalis cokei schillingsi Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 10, p. 99, 1913; 80: sect. A, pt. 1, p. 167, lower fig., 1914. Ex Matschie in Schillings's "Mit Blitzlicht und Buchse," p. 384, 1910 (nomen nudum). Lake Jipe, southeast of Mt. Kilimanjaro, upper Pangani, Tanganyika Territory.

Bubalis cokei schulzi Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 9, p. 105, text-f. 104, 1914. Olossirva plateau, about 10 km. northeast of Ngorongoro crater, Tanganyika Territory, 2500 m.

Bubalis oscari Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. —, pl. 6, f. 3, 4, 10 Sep. 1916. Gurui, Masai country, and between Kapalata and Saranda, Tanganyika Territory.

B[ubalis] deckeni Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. —, pl. 8, f. 2, 10 Sep. 1916. Taveta plain, Kilimanjaro, Tanganyika Territory.

Range: Plains of Kenya Colony and Tanganyika Territory.

ALCELAPHUS BUSELAPHUS INVADENS (Schwarz)

Bubalis major invadens Schwarz, Ann. Mag. Nat. Hist. (8) 13: 33, Jan. 1914. Garua, Benue River, Adamana, Cameroons.

ALCELAPHUS BUSELAPHUS JACKSONI (Thomas). Jackson's Hartebeest

Bubalis jacksoni Thomas, Ann. Mag. Nat. Hist. (6) 9: 386, May 1892. Between Lake Victoria and Lake Naivasha, Kenya Colony.

Bubalis jacksoni insignis Thomas, Abstract Proc. Zool. Soc. London, no. 6, p. 22, 26 Apl. 1904; Proc. Zool. Soc. London, 1: 455, 2 Aug. 1904. Maanja River, 30 miles west of Kampala, central Uganda.

ALCELAPHUS BUSELAPHUS LELWEL (Heuglin). Lelwel Hartebeest; Heuglin's Hartebeest

A[cronotus] lelwel Heuglin, Reise in Nordost-Afrika, 2: 124, upper fig. on pl. facing same page, 1877. Req country, Jur, and Kosange River; type locality fixed as Jur River, Anglo-Egyptian Sudan (see Schwarz, Ergebn. d. Zweite Deutsch. Zentr. Afr. Exped., 1: 907, 1920; Ruxton and Schwarz, Proc. Zool. Soc. London, p. 577, 16 Oct. 1929).

Bubalis niediecki Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 95, 1905. Jamboland, Gelo River, upper Sobat River, Abyssinia.

Bubalis lelwel heuglini Millais, Far Away up the Nile (London), p. 244, 1924. Substitute for *Acronotus lelwel* Heuglin, 1877.

ALCELAPHUS BUSELAPHUS MAJOR (Blyth). Western Hartebeest

Boselaphus major Blyth, Proc. Zool. Soc. London, p. 52, text-f. 1, 1a, June 1869. "Received from the west coast of Africa."

Alcelaphus bubalis var. *tunisianus* Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 123, 1852. "Tunis."

Bubalis luzarchei G. Grandidier, Bull. Mus. d'Hist. Nat., Paris, 20: 316, 2 text-f., 1914. Nieri-Ko River, near junction with Gambia River, French Senegal.

Range: Upper Gambia and Upper Senegal, French Guinea, to ?Tunis.

ALCELAPHUS BUSELAPHUS MATSCHIEI (Schwarz). Matschie's Hartebeest

Bubalis major matschiei Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914. District of Kpandu, western Togo, Gold Coast.

Alcelaphus buselaphus matschiei Ruxton and Schwarz, Proc. Zool. Soc. London, p. 576, 16 Oct. 1929.

ALCELAPHUS BUSELAPHUS MODESTUS (Schwarz)

Bubalis lelwel modestus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 32, Jan. 1914. Bahr Keeta, northeast of Fort Archambault, Upper Shari district, French Equatorial Africa.

Alcelaphus buselaphus modestus Ruxton and Schwarz, Proc. Zool. Soc. London, p. 577, 16 Oct. 1929.

ALCELAPHUS BUSELAPHUS ROOSEVELTI (Heller). Roosevelt's Hartebeest

Bubalis lelwel roosevelti Heller, Smithsonian Misc. Coll., 60: no. 8, p. 7, 2 Nov. 1912. Gondokoro, Uganda.

ALCELAPHUS BUSELAPHUS SWAYNEI (P. L. Sclater). Swayne's Hartebeest

Bubalis swaynei P. L. Sclater, Proc. Zool. Soc. London, p. 98, pl. 5, text-f. 1, June 1892. Haud, about 100 miles from Berbera, northern Somaliland (Swayne, Proc. Zool. Soc. London, p. 303, 1892).

Bubalis noacki Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 93, 1905. Suksuki River, south of Lake Zwai, southern Abyssinia.

Range: Northern Somaliland and southern Abyssinia.

ALCELAPHUS BUSELAPHUS TORA (Gray). Tora Hartebeest

Alcephalus (sic) *tora* Gray, Nature (London), 8: 364, 4 Sep. 1873; *Alcelaphus tora* Gray, Ann. Mag. Nat. Hist. (4) 12: 341, Oct. 1873. Dembelas, Bogos country, Abyssinia.

Range: Eritrea to Blue Nile, Anglo-Egyptian Sudan.

ALCELAPHUS BUSELAPHUS TSCHADENSIS (Schwarz)

Bubalis lelwel tschadensis Schwarz, Ann. Mag. Nat. Hist. (8) 11: 265, Feb. 1913. Ketekma, east of Tschekna, Bagirmi, French Equatorial Africa.

HYBRIDS

While Lydekker and Blaine (1915) regard the *buselaphus* group as a species distinct from the *lelwel* group, Ruxton and Schwarz (1929) consider the races of both as subspecies of *Alcelaphus buselaphus*. The latter authors believe the following names are based on hybrids:

ALCELAPHUS BUSELAPHUS JACKSONI × COKII

Bubalis cokei kongoni Heller, Smithsonian Misc. Coll., 60: no. 8, p. 5, 2 Nov. 1912. Loita Plains, Southern Guaso Nyiro, Kenya Colony.

Bubalis cokei ritchiei Ruxton, Ann. Mag. Nat. Hist. (9) 18: 215, Aug. 1926. Southern Uasin Gishu country, south of Kisii, west of Amala (Mara) River, and north of Magoro River, Kenya Colony.

Bubalis lelwel keniæ Heller, Smithsonian Misc. Coll., 61: no. 17, p. 3, 21 Oct. 1913. North Kenya plateau, 20 miles northeast of Nyeri, near Meru Road, Kenya Colony.

Bubalis nakuræ Heller, Smithsonian Misc. Coll., 60: no. 8, p. 6, 2 Nov. 1912. Nakuru, Rift Valley, Kenya Colony.

?ALCELAPHUS BUSELAPHUS LELWEL × SWAYNEI

Bubalis rothschildi Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 94, 1905. Adoshebai Valley, 80 km. north of Lake Stephanie, Abyssinia.

ALCELAPHUS BUSELAPHUS LELWEL × TORA

Bubalis neumanni Rothschild, Ann. Mag. Nat. Hist. (6) 20: 376, Oct. 1897. East shore and northeast of Lake Rudolf, Abyssinia.

Bubalis tora digglei Rothschild, Ann. Mag. Nat. Hist. (8) 12: 576, Dec. 1913. Ofat River, near Keili, upper Blue Nile.

Bubalis tora rahatensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 246, text-f. 2, Nov. 1906. Shunfar Ambu, western Abyssinia.

Alcelaphus caama caama (G. Cuvier). Cape or Red Hartebeest

Antilope caama G. Cuvier, Dictionnaire des Sci. Nat., 2: 242, 1816. Cape of Good Hope.

Antilope koba Erxleben, Syst. Regni Animalis, p. 293, 1777. Description and fig. mentioned are of *Alcelaphus caama*. "ad Senegal."

Antilope senegalensis G. Cuvier, Dictionnaire des Sci. Nat., 2: 235, 1816. Based on Pennant's Senegal Antelope, but the description and woodcut of head are of *Alcelaphus caama*. Senegal.

Bubalis cama Bryden, Great and Small Game of Africa, p. 133, 1899.

Bubalis caama obscurus Frechkop, Bull. Mus. Roy. d'Hist. Nat. Belg., Bruxelles, 13: no. 39, p. 11, 12, 22, pl. 1 (col.), text.f. 1, *e*, Oct. 1937. Locality unknown.

Range: Formerly from the Cape Town district north to the Limpopo River and the edge of the Kalahari Desert; now extinct.

Alcelaphus caama evalensis (Monard)

Bubalis caama evalensis Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 64, figs. 9, 10, 1933. Evale, Angola.

Alcelaphus caama selbornei (Lydekker). Selborne's Hartebeest

Bubalis caama selbornei Lydekker, Abstract Proc. Zool. Soc. London, no. 119, p. 19, 15 Apl. 1913; Proc. Zool. Soc. London, p. 818, text-f. 135, 1 Sep. 1913. Kimberley, where apparently imported from the Transvaal.

Alcelaphus lichtensteinii lichtensteinii (Peters). Lichtenstein's Hartebeest

Antilope lichtensteinii Peters, Reise nach Mossambique, Zool., Säugeth., p. 190, pls. 43, 44, 1852. Tette, Mozambique.

Bubalis leucoprymnus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 137, 1892. Ukami, Tanganyika Territory (see Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 192, 30 Sep. 1916).

Bubalis lichtensteini basengæ Matschie and Zukowsky, Zool. Beobachter, 51: 261, text-f., Sep. 1910; p. 377, Nov. 1910. Boundary between Shiré region and lower Loangwa region, Mozambique.

Bubalis lichtensteini gombensis Matschie and Zukowsky, Zool. Beobachter, 51: 262, Sep. 1910. Kwa Kinga, Tabora district, Tanganyika Territory.

Bubalis lichtensteini rukwæ Matschie and Zukowsky, Zool. Beobachter, 51: 259, text-f., Sep. 1910; Sitzb. Ges. Naturf. Freunde, Berlin, pl. 6, f. 5, 30 Sep. 1916; for 1917, pl. 19, f. 7; pl. 20, f. 3, 5, p. 534, 538, 28 Feb. 1918. Kinani, southern Tanganyika Territory.

Bubalis lichtensteini shirensis Matschie and Zukowsky, Zool. Beobachter, 51: 261, text-f., Sep. 1910; 51: 377, Nov. 1910; *Sigmoceros shirensis* Sitzb. Ges. Naturf. Freunde, Berlin, pp. 194, 201, 30 Sep. 1916. Boundary between Shiré and lower Loangwa regions, Mozambique.

Bubalis lichtensteini ugalæ Matschie and Zukowsky, Zool. Beobachter, 51: 262, Sep. 1910. Kwa Kinga, Tabora district, Tanganyika Territory.

Bubalis lichtensteini ufipæ Matschie and Zukowsky, Zool. Beobachter, 51: 259, Sep. 1910. Kinani, southern Tanganyika Territory.

See Sitzb. Ges. Naturf. Freunde, Berlin, pl. 6, 1916; for 1917, pp. 534, 538, pl. 19, f. 1–4, 6; pl. 20, f. 2, 8, 28 Feb. 1918.

Sigmoceros basengæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 201, pl. 5, f. 5; pl. 8, f. 5, 30 Sep. 1916. Between Senna and Tette, Zambesia.

[*Sigmoceros*] *heuferi* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 202, 30 Sep. 1916. Substitute name for *basengæ*, since that form does not occur at Basenga.

The status of the following is questionable:—

Sigmoceros bangæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 206, pl. 7, f. 4, 30 Sep. 1916. Banga, southeast of Baunza, and north of Kafue River, Mozambique.

Sigmoceros dieseneri Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 86, 30 Apl. 1925; figured as *S. gombensis* Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 7, f. 3, 30 Sep. 1916. Rumosso, Runsewe, Tanganyika Territory.

Sigmoceros frommi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 532, pl. 20, f. 7, 28 Feb. 1918. Malinga Mts., southwest of Lake Rukwa, Tanganyika Territory.

Sigmoceros gendagendæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 119, pl. 7, f. 8, 30 Apl. 1925. Mt. Genda-Genda, Tanganyika Territory.

Sigmoceros godonga Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 30 Sep. 1916. Urema River, a branch of the Pungwe, Cheringoma district, Mozambique.

Sigmoceros godowiusi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 80, pl. 5, f. 1, 3, 30 Apl. 1925. Uschingo, Tanganyika Territory.

Sigmoceros gorongozæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 196, 30 Sep. 1916. Northern Gorongoza district, 60 km. west of Urema River, Mozambique.

Sigmoceros grotci Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 137, pl. 7, f. 1, 30 Apl. 1925. South of Newala on the Rovuma, Tanganyika Territory.

Sigmoceros hennigi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 129, pl. 7, f. 2, 5, 30 Apl. 1925. Hinterland of Kilwa, Tanganyika Territory.

Sigmoceros inkulanondo Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 197, 30 Sep. 1916. "Unzeilas Reich", upper Sabi, southeastern Mashonaland, Rhodesia.

Sigmoceros janenschi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 122, pl. 6, f. 1, 2; pl. 7, f. 6, 30 Apl. 1925. Makangaga, between Matandu and Mawudji, Tanganyika Territory.

Sigmoceros kangosa Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 532, 28 Feb. 1918. Makjusa's Land, northwest end of Lake Nyasa, near Ipiana, Nyasaland.

Sigmoceros konzi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 203, pl. 7, f. 6, 30 Sep. 1916. North of the middle Kafue, 50 km. south of Broken Hill, northwestern Rhodesia.

Sigmoceros lacrymalis Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 111, 30 Apl. 1925. Kangatta plains, Tanganyika Territory.

Sigmoceros lademanni Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 5, f. 1, 30 Sep. 1916. Kisaki, Tanganyika Territory.

Sigmoceros leupolti Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, pl. 7, f. 4, 30 Sep. 1916; for 1922, p. 94, 30 Apl. 1925. Sikonge, south of Tabora, Tanganyika Territory.

Sigmoceros lindicus Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 132, pl. 7, f. 3, 30 Apl. 1925. Hinterland of Lindi, Tanganyika Territory.

Sigmoceros münzneri Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 542, pl. 19, f. 5; pl. 20, f. 1, 4, 28 Feb. 1918. Mbuga Mpimba, west of Panji, 7° 58′ S., 31° 22′ E., Tanganyika Territory.

Sigmoceros niediecki Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 205, pl. 7, f. 2, 5, 30 Sep. 1916. Baunza, north of middle Kafue, 33 km. east of where the river turns east, north of Victoria Falls, Mozambique.

Sigmoceros niedieckianus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 295, 15 Dec. 1916. New name for *Sigmoceros niediecki* Matschie and Zukowsky; not *Bubalis niediecki* Neumann, 1905.

Sigmoceros petersi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 530, 28 Feb. 1918. Near Sena, Mozambique. Type figured in Peters, Reise nach Mossambique, Säugeth., pl. 44, 1852.

Sigmoceros prittwitzi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 96, pl. 5, f. 5, 30 Apl. 1925. Mijange district, 30 km. south of Itumba Qua Kiromo, Issaua-Kedete watershed, Kisigo drainage, Tanganyika Territory.

Sigmoceros rendalli Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 80, 30 Apl. 1925. Kambwe, south end of Lake Nyasa, Nyasaland; name based on account by Rendall, in Novitates Zool., 5: 214, 3 May 1898.

Sigmoceros rowumæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 139, 30 Apl. 1925. Mt. Lisoju, upper Rovuma River, Tanganyika Territory.

Sigmoceros saadanicus Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 116, 30 Apl. 1925. Mt. Gendagenda, Tanganyika Territory.

Sigmoceros schmitti Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 98, pl. 6, f. 5, 6, 30 Apl. 1925. Probably the Mpawagga-Muhindo plains, Uhehe, Tanganyika Territory.

Sigmoceros schusteri Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 113, 30 Apl. 1925. Ruimbi Pond, north of Kinamatine (=Kilimatinde), Tanganyika Territory.

Sigmoceros senganus Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 200, pl. 6, f. 1, 2, 30 Sep. 1916. Mussenda Luz, on the Zambesi, between the Loangwa and Kebabassa Falls, Mozambique.

S[igmoceros] stierlingi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. –, pl. 8, f. 7, 30 Sep. 1916; for 1922, p. 103, 30 Apl. 1925. Upper Ruaha River, Tanganyika Territory.

Sigmoceros tendagurucus Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 127, pl. 7, f. 7, 30 Apl. 1925. Mchuya, near Kilwa, Tendaguru, Tanganyika Territory.

Sigmoceros ulangæ Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 100, pl. 6, f. 3, 4, 30 Apl. 1925. Ulanga Plains, Tanganyika Territory.

Sigmoceros ungonicus Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 134, 30 Apl. 1925. Ungoni, Tanganyika Territory.

Sigmoceros ungoniensis Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 135, 30 Apl. 1925. Ungoni, Tanganyika Territory.

Sigmoceros uwendensis Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1917, p. 545, pl. 20, f. 6, 28 Feb. 1918. Katjantia (Katjentje), north of Karema, near Lake Tanganyika, 6° 36′ S., 30° 22′ E., Tanganyika Territory.

Sigmoceros wiesei Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, p. 199, pl. 5, f. 6, 7, 30 Sep. 1916. West of Chifumbazi, on the Luia, tributary of the Kapotche, Mpeseni country, Rhodesia.

Sigmoceros wintgensi Matschie and Zukowsky, Sitzb. Ges. Naturf. Freunde, Berlin, for 1922, p. 92, pl. 5, f. 4, 30 Apl. 1925. Southeast of Gombe River, Tanganyika Territory.

Connochætes Lichtenstein. Gnus

Connochætes Lichtenstein, Mag. d. Ges. Naturf. Freunde, Berlin, 6: 152, 165, 1814. As a subgenus of *Antilope*, type *Antilope gnu* Gmelin.

Also spelled *Connochætes, Connochetes.*

Cemas Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 727, 1816. As a subgenus of *Pecus;* type fixed as *Cemas gnu* Oken = *Bos gnou* Zimmermann, by P. L. Sclater and Thomas (Book of Antelopes, 1: pt. 2, p. 93, 111, Jan. 1895).

Catablepas Gray, London Medical Repository, 15: 307, 1 Apl. 1821. Genotype *Antilope gnu* Gmelin.

Catoblepas Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 366, 1827. Genotype *Antilope gnu* Gmelin.

Gorgon Gray, Gleanings from Menagerie at Knowsley Hall, 2: 20, pl. 19, f. 2, 1850; Proc. Zool. Soc. London, for 1850, p. 139, 24 Feb. 1851; Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. As a subgenus of *Catoblepas;* type *Antilope gorgon* Hamilton Smith = *Antilope taurina* Burchell.

Regarded by Heller (Smithsonian Misc. Coll., 61: no. 17, p. 2, 21 Oct. 1913) as a valid genus.

Butragus Gray (ex Blyth, MS.), Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. Genotype *Butragus corniculatus* Blyth, MS., = *Antilope taurinus* Burchell.

Connochætes antiquus Broom

Connochætes antiquus Broom, Ann. South African Mus., 12: 14, text-f. 2, 30 May 1913. Extinct; Haagenstad, about 30 miles north of Blœmfontein, Cape of Good Hope.

Connochætes gnou (Zimmermann). Black Wildebeest or White-tailed Gnu

Bos gnou Zimmermann, Specimen Zoologiæ Geographicæ, p. 372, 1777. Cape of Good Hope. See Allen, J. A., Bull. Amer. Mus. Nat. Hist., 16: 15, 1 Feb. 1902.

Antilope capensis Gatterer, Brev. Zool., 1: 80, 1780.

Antilope gnu Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 189, 1788. Great Namaqualand, Cape of Good Hope.

C[atoblepas] brooksii Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 369, footnote, 1827. No locality, based on a horn of uncertain identity.

Catoblepas operculatus Brookes, Cat. Brookes Mus., p. 64, 1828.

Bos connochætes Forster, Descrip. Animalium, p. 392, 1844. Cape of Good Hope.

Connochætes taurinus taurinus (Burchell). Brindled Gnu; Blue Wildebeest

Antilope taurina Burchell, Travels in Interior of South Africa, 2: 278, footnote, 1824. Bechuanaland.

Catoblepas gorgon Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 371, pl., 1827; 5: 369, 1827. Interior of South Africa.

Gorgon fasciatus Gray, Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. South Africa.

Butragus corniculatus Gray (ex Blyth MS.), Cat. Ruminant Mamm. Brit. Mus., p. 43, 1872. South Africa.

Catoblepas reichei Noack, Zool. Anzeiger, 16: 154, 1 May 1893. Limpopo, northern Transvaal.

CONNOCHÆTES TAURINUS ALBOJUBATUS Thomas. White-bearded Wildebeest

Connochætes taurinus albojubatus Thomas, Ann. Mag. Nat. Hist. (6) 9: 388, May 1892. "Uganda" = Athi plains, Kenya Colony.

Connochætes (sic) *hecki* Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 96, 1905. Tanganyika Territory, specimens described from Gurui.

Gorgon albojubatus mearnsi Heller, Smithsonian Misc. Coll., 61: no. 17, p. 1, 21 Oct. 1913. Loita plains, southern Kenya Colony.

Connochætus (sic) *albojubatus henrici* Zukowsky, Arch. f. Naturgesch, 79: sect. A, pt. 12, p. 83, pl. 3, upper f.; pl. 4, 1913. Seringeti steppes, Tanganyika Territory.

Connochætus (sic) *albojubatus lorenzi* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 12, p. 81, pl. 1, 1913. Ngorongoro crater, Tanganyika Territory.

Connochætus (sic) *albojubatus schulzi* Zukowsky, Arch. f. Naturgesch., 79: sect. A, pt. 12, p. 82, pl. 2; pl. 3, lower f., 1913. Ngorongoro basin, Tanganyika Territory.

CONNOCHÆTES TAURINUS COOKSONI Blaine. Cookson's Wildebeest

Connochætes taurinus cooksoni Blaine, Ann. Mag. Nat. Hist. (8) 13: 377, Mar. 1914. East bank of Loangwa River, northeastern Rhodesia.

CONNOCHÆTES TAURINUS JOHNSTONI P. L. Sclater. Nyasa Wildebeest

Connochætes taurinus johnstoni P. L. Sclater, Proc. Zool. Soc. London, p. 606, pl. 28, Oct. 1896. Mlanje plain, south end of Lake Chilwa, Nyasaland.

Connochætes taurinus (vel *johnstoni*) *rufijianus* de Beaux, Zool. Anzeiger, 38: 579, text-f. 1, 2, 19 Dec. 1911. Rufigi valley, Tanganyika Territory.

CONNOCHÆTES TAURINUS MATTOSI Blaine. Angola Wildebeest

Connochætes taurinus mattosi Blaine, Ann. Mag. Nat. Hist. (9) 15: 129, Jan. 1925. Cotypes from (1) Chiacusse, Huilla district, Cunene River; (2) Bamber River, a tributary of the Cunene; and (3) Chicoonga, northeast of Dongo, Angola.

Connochætes taurinus borlei Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 64, 1933. Angola, Rio Mbalé (female) and Chimporo (male)—see ibid., 54: 75–76, 1930.

Damaliscus P. L. Sclater and Thomas

Damaliscus P. L. Sclater and Thomas, Book of Antelopes, 1: pt. 1, p. 3, 51, Aug. 1894. Genotype *Antilope pygarga* Pallas.

Damalis Gray, Ann. Mag. Nat. Hist. (1) 18: 233, Oct. 1846. Genotype *Damalis lunatus* (Burchell), see Sclater and Thomas, Book of Antelopes 1: 51, Aug. 1894. Preoccupied by *Damalis* H. Smith.

Beatragus Heller, Smithsonian Misc. Coll., 60: no. 8, p. 8, 2 Nov. 1912. Genotype *Damaliscus hunteri* (P. L. Sclater).

Antilope, Alcelaphus, Bubalis, Capra, Cerophorus, Gazella, in part of older authors.

Antilopa Blainville, in Gervais's Dictionnaire d. Sci. Nat., suppl. 1, pt. 2, p. 260, 1841. Emendation of *Antilope.*

Damaliscus albifrons (Burchell). Blesbok

[*Antilope*] *albifrons* Burchell, Travels in Interior of South Africa, 2: 335, 1824. Northern Cape Colony (Lydekker and Blaine).

Range: Formerly South Africa to the northern plains of Cape Colony, Orange Free State, Transvaal, and Bechuanaland; now much restricted.

Damaliscus hunteri (P. L. Sclater). Hunter's Hartebeest or Hirola

Cobus hunteri P. L. Sclater, Field (London), 73: 260, 23 Feb. 1889 (nomen nudum). "Eastern Africa." North side of Tana Valley, Jubaland, eastern Kenya Colony.

Damalis hunteri P. L. Sclater, Proc. Zool. Soc. London, p. 58, 1 text-f., June 1889; p. 372, text-f. A-C, pl. 42 (col.), Oct. 1889. North side of Tana River, Kenya Colony.

Range: Jubaland.

Damaliscus korrigum korrigum (Ogilby). Korrigum or Senegal Hartebeest

Antilope senegalensis Children, in Denham and Clapperton's Travels, append., p. 192, 1826. Plains of central Africa.

Not of Cuvier, 1804, which is a description of *Alcelaphus caama.*

A[*ntilope*] *korrigum* Ogilby, Proc. Zool. Soc. London, for 1836, p. 103, 20 Feb. 1837. Bornu, northern Nigeria.

Damaliscus corrigum H. C. V. Hunter, Great and Small Game of Africa, p. 166, 1899.

Damaliscus koba Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 40, 1914; not *Antilope koba* Erxleben, 1777, which is *Alcelaphus caama.*

Damaliscus korrigum eurus Blaine

Damaliscus korrigum eurus Blaine, Ann. Mag. Nat. Hist. (8) 13: 335, Mar. 1914. Upper Ruaha River, Tanganyika Territory.

DAMALISCUS KORRIGUM JIMELA (Matschie). Topi

Damalis jimela Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 135, 1892. Unyamwesi, southeast of Lake Victoria, Tanganyika Territory.

Bubalis jimeru Lydekker, Horns and Hoofs, p. 203, 1893 (errorim).

Damaliscus phalius Cabrera, Proc. Zool. Soc. London, for 1910, p. 998, text-f. 149, 11 Jan. 1911. Guas Ngishu plateau, northwestern Kenya Colony.

DAMALISCUS KORRIGUM LYRA Schwarz

Damaliscus koba lyra Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914. Ndioko, Gribingi River, upper Shari district, French Equatorial Africa.

DAMALISCUS KORRIGUM PURPURESCENS Blaine

Damaliscus korrigum purpurescens Blaine, Ann. Mag. Nat. Hist. (8) 13: 333, Mar. 1914. Ibi, Benue River, northern Nigeria.

DAMALISCUS KORRIGUM SELOUSI Lydekker. Selous's Topi

Damaliscus corrigum selousi Lydekker, Field (London), 110: 250, 10 Aug. 1907. Near Londiani plateau, Kenya Colony.

DAMALISCUS KORRIGUM TIANG (Heuglin). Tiang

Bubalis koba Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 209, 1846; not *Antilope koba* Erxleben, 1777. Sennaar, Senegal.

Damalis tiang Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 22, pl. 1, f. 1, a, b, 1863. Sobat Valley, Anglo-Egyptian Sudan.

Damalis tiang-riel Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 23, pl. 2, f. 9, 1863. Bahr-el-Abiad, Anglo-Egyptian Sudan.

Damaliscus corrigum jonesi Lydekker, Field (London), 110: 250, 10 Aug. 1907. Kordofan.

Synonym of *Damaliscus koba tiang* according to Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914.

Damaliscus floweri Matschie, Jahrbuch des Inst. f. Jagdkunde, 2: 168, 1913. Near Sherif Harrabulla, between Karkoj and Roseires, Blue Nile, Anglo-Egyptian Sudan.

DAMALISCUS KORRIGUM TOPI Blaine

Damaliscus korrigum topi Blaine, Ann. Mag. Nat. Hist. (8) 13: 333, Mar. 1914. Near Malindi, Kenya Colony.

DAMALISCUS KORRIGUM UGANDÆ Blaine

Damaliscus korrigum ugandæ Blaine, Ann. Mag. Nat. Hist. (8) 13: 334, Mar. 1914. Southwestern Ankole, Uganda.

Damaliscus lunatus lunatus (Burchell). Sassaby or Bastard Hartebeest

Antilope lunata Burchell, Travels in Interior of South Africa, 2: 334, 2 text-figs., 1824. Bechuanaland.

Range: Southeastern Africa from north of the Orange River as far westward as Lake Ngami, north to northern Rhodesia.

Damaliscus lunatus reclinis Matschie

Damaliscus lunatus reclinis Matschie, Deutsche Jäger-Zeitung, 59: 119 (77 of reprint), 1912. Caprivi Peak, Southwest Africa.

Damaliscus pygargus (Pallas). Bontebok

Antilope dorcas Pallas, Miscellanea Zool., p. 6, 1766, in part. No locality.

Antilope pygargus and *pygarga* Pallas, Spicilegia Zool., pt. 1, p. 10, 1767; pt. 12, p. 15, 1777. Cape of Good Hope implied.

Antilope grisea Boddært, Elenchus Animalium, p. 139, 1785. Cape of Good Hope.

Capra scripta Thunberg, Voyages au Japon, etc., 2: 47, 1796. Caffrérie.

Antilope maculata Thunberg, Mém. Acad. Sci. St. Pétersbourg, 3: 315, 1811.

Antilope personata Woods, Zool. Journ., 5: 2, pl. 1, 1829. Vicinity of the Cape of Good Hope.

Range: Formerly from Cape of Good Hope north to Orange River; now "existing only in a semi-domesticated condition on some farms in the Bredasdoop district of the Cape Province" (Haagner, 1920).

Subfamily CEPHALOPHINÆ. Duikers

See: Lönnberg, E. Notes on the members of the genera *"Cephalophus"* and *"Sylvicapra"* in the Congo Museum. Revue Zool. Africaine, 7: 162–185, 1 Oct. 1919.

Review: St. Leger, J. A key to the species and subspecies of the subgenus *Cephalophus*. Proc. Zool. Soc. London, p. 209–228, 16 Apl. 1936.

Cephalophius Hamilton Smith

Cephalophus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 344, 1827. As a subgenus of *Antilope*, including ten species; type fixed as *Antilope silvicultrix* Afzelius (see P. L. Sclater and Thomas, Book of Antelopes, 1: pt. 3, p. 121, May 1895).

Philantomba Blyth, in Cuvier's Animal Kingdom, p. 140, 1840. No type specified.

Cephalophora Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. Genotype *Cephalophora coronata* Gray.

Cephalophorus Gray, Ann. Mag. Nat. Hist. (1) 10: 267, Dec. 1842. Genotype *Antilope ogilbyi* Waterhouse. Intended as an emendation of *Cephalophus*.

Cephalolophus Wagner, Schreber's Säugthiere, Suppl., 4: 445, 1844; emendation.

Terpone Gray, Proc. Zool. Soc. London, p. 592, Aug. 1871. Genotype *Cephalophus longiceps* Gray = *Antilope silvicultrix* Afzelius.

Potamotragus Gray, Cat. Ruminant Mamm. Brit. Mus., p. 25, 1872. Genotype *Cephalophus melanoprymnus* Gray = *Antilope silvicultrix* Afzelius.

Cephalopia Knottnerus-Meyer, Arch. f. Naturgesch. 73: sect. A, pt. 1, p. 44, Jan. 1907. As a subgenus of *Cephalophus;* type not specified, but includes *C. ogilbyi* (Waterhouse) and *C. leucogastra* Gray.

Cephalophella Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 45, Jan. 1907. As a subgenus of *Cephalophus;* type *Cephalophus callipygus* Peters.

Cephalophidium Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 45, Jan. 1907. As a subgenus of *Cephalophus;* type *Cephalophus niger* Gray.

Cephalophops Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 46, Jan. 1907. As a subgenus of *Cephalophus;* type *Cephalophus dorsalis* Gray.

Cephalophula Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 46, Jan. 1907. As a subgenus of *Cephalophus;* type *Cephalophus doria* Ogilby.

Subgenus Cephalophus Hamilton Smith

Cephalophus adersi Thomas. Zanzibar Duiker

Cephalophus adersi Thomas, Ann. Mag. Nat. Hist. (9) 2: 151, Aug. 1918. Island of Zanzibar.

Cephalophus callipygus Peters. Peters's Duiker

Cephalophus callipygus Peters, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483, pl. 3, 4, 1876. Gaboon.

Range: Gaboon and Cameroons.

Cephalophus dorsalis dorsalis Gray. Bay Duiker

Cephalophus dorsalis Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846. Sierra Leone.

Cephalophus badius Gray, Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 84, 1852. Sierra Leone.

Cephalophus breviceps Gray, Proc. Zool. Soc. London, p. 202, pl. 20, Sep. 1866. "West coast of Africa."

Cephalophus dorsalis, subsp. *typicus* Thomas, Proc. Zool. Soc. London, p. 420, Oct. 1892.

CEPHALOPHUS DORSALIS ARRHENII Lönnberg. Arrhenius's Bay Duiker

Cephalophus castaneus arrhenii Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 92, pl. 11, f. 3, 1 Sep. 1917. Beni, Congo Belge.

CEPHALOPHUS DORSALIS CASTANEUS Thomas

Cephalophus dorsalis castaneus Thomas, Proc. Zool. Soc. London, p. 421, Oct. 1892. Cameroons.

Cephalophus dorsalis orientalis Schwarz, Ann. Mag. Nat. Hist. (8) 13: 34, Jan. 1914. Koloka, near Angu, Uele River, Congo Belge.

For comments on the possible invalidity of this race see Lönnberg, E., Revue Zool. Africaine, 7: 173, 1919; also St. Leger, J., Proc. Zool. Soc. London, p. 220, 16 Apl. 1936, who considers it the same as *C. d. castaneus* Thomas.

Cephalophus dorsalis kuha Lorenz, Ann. Naturhist. Mus. Wien, 36: 112, text-f. 7, Oct. 1923. Ukaiko, Ituri district, Congo Belge.

A synonym of *C. d. castaneus* according to St. Leger, Proc. Zool. Soc. London, p. 220, 16 Apl. 1936.

CEPHALOPHUS DORSALIS LEUCOCHILUS Jentink

Cephalophus leucochilus Jentink, Notes Leyden Mus., 23: 21, July 1901. Loango, Angola.

"Very probably" a race of *C. dorsalis* (fide Lydekker and Blaine).

Cephalophus dorsalis leucochilus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 493, May 1914.

CEPHALOPHUS HARVEYI HARVEYI Thomas. Harvey's Duiker

Cephalolophus (sic) *harveyi* Thomas, Ann. Mag. Nat. Hist. (6) 11: 48, Jan. 1893. Kilimanjaro district, Kaha forest, west of Taveta, Tanganyika Territory.

This is the oldest name applied to a member of the group in which St. Leger includes *weynsi* and related subspecies. The latter therefore should stand as subspecies of *harveyi* rather than of *weynsi*.

Cephalophus harveyi keniæ Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 65, Jan. 1912; Kongl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 150, 26 June 1912. Near Nairobi, Kenya Colony.

Identical with *C. h. harveyi* according to St. Leger (Proc. Zool. Soc. London, p. 218, 16 Apl. 1936).

CEPHALOPHUS HARVEYI BARBERTONI Kershaw

Cephalophus barbertoni Kershaw, Ann. Mag. Nat. Hist. (9) 11: 596, May 1923. Mt. Elgon, northeast of Lake Victoria, Kenya Colony, 7–8000 ft.

Cephalophus weynsi barbertoni St. Leger, Proc. Zool. Soc. London, p. 217, 16 Apl. 1936.

CEPHALOPHUS HARVEYI BOTTEGOI de Beaux

Cephalophus harveyi bottegoi de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 63: 6, July 1924. Gourar Ganana, Italian Somaliland.

CEPHALOPHUS HARVEYI IGNIFER Thomas

Cephalophus ignifer Thomas, Proc. Zool. Soc. London, 1: 226, Aug. 1903. Eldoma Ravine, Kenya Colony.

Cephalophus weynsi ignifer St. Leger, Proc. Zool. Soc. London, p. 218, 16 Apl. 1936.

CEPHALOPHUS HARVEYI RUTSHURICUS Lönnberg

Cephalophus weynsi rutshuricus Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 58: no. 2, p. 86, pl. 10, f. 2, 1 Sep. 1917. Kabwe, eastern Congo Belge.

CEPHALOPHUS HARVEYI WEYNSI Thomas. Weyns's Duiker

Cephalophus weynsi Thomas, Ann. Mus. Congo, Zool., 2: pt. 1, p. 15, pl. 6, Aug. 1901. Near Stanley Falls, Congo Belge.

In her review of *Cephalophus*, Miss St. Leger makes various described forms related to *weynsi* subspecies of it, but the form *harveyi* was first described and hence becomes the typical subspecies.

Cephalophus johnstoni Thomas, Proc. Zool. Soc. London, 2: 89, 1 Oct. 1901. Toro district, east of Mt. Ruwenzori, Uganda.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

Cephalophus centralis M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 217, 1907. Ituri valley, eastern Congo Belge.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

Cephalophus leopoldi M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 143: 1257, 1906 (?=1907). Ituri valley, near Irumu, eastern Congo Belge.

A synonym of *C. h. weynsi* according to St. Leger (Proc. Zool. Soc. London, p. 216, 16 Apl. 1936).

Range: From lower Uele (Bambili) and the Ituri Forest (Beni) south to the Stanleyville district and vicinity of Lake Léopold II, Congo Belge (see Lönnberg, E., Revue Zool. Africaine, 7: 164, 1 Oct. 1919, for comments).

CEPHALOPHUS JENTINKI Thomas. Jentink's Duiker

Antilope (Terpone) longiceps Jentink, Notes Leyden Mus., 7: 272, pl. 10, Oct. 1885, not *Cephalophus longiceps* Gray. Liberia.

Cephalophus jentinki Thomas, Proc. Zool. Soc. London, p. 417, Oct. 1892. Liberia.

Range: Apparently confined to Liberia.

CEPHALOPHUS LEUCOGASTER Gray. Gaboon Duiker

Cephalophus leucogaster Gray, Ann. Mag. Nat. Hist. (4) 12: 43, July 1873. Gaboon.

Cephalophus leucogaster seke Lorenz, Ann. Naturhist. Mus. Wien, 36: 104, text-f. 5, 8, Oct. 1923. Mawambi and Ukaika, Ituri district, Congo Belge.
Identical with typical race according to St. Leger, J., Proc. Zool. Soc. London, p. 222, 16 Apl. 1936.

Cephalophus natalensis natalensis A. Smith. Red or Natal Duiker
Cephalophus natalensis A. Smith, South African Quart. Journ., 2: 217, 1834; Illustr. Zool. South Africa, Mamm., pl. 32 and text, Jan. 1841. Port Natal, Natal.

Cephalophus natalensis amœnus Wroughton
Cephalophus natalensis amœnus Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, 278, Aug. 1911. Legogot, Transvaal.

Cephalophus natalensis bradshawi Wroughton. Bradshaw's Duiker
Cephalophus natalensis bradshawi Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, 279, Aug. 1911. Chiromo, Shiré valley, Nyasaland.
May be merely a melanistic form of *C. natalensis walkeri* Thomas (St. Leger, J., Proc. Zool. Soc. London, p. 219, 16 Apl. 1936).

Cephalophus natalensis lebombo Roberts
Cephalophus natalensis lebombo Roberts, Ann. Transvaal Mus., 18: 248, 21 Feb. 1936. Mkusi River, near Ubombo, Mozambique.

Cephalophus natalensis robertsi W. Rothschild. Roberts's Duiker
Cephalophus robertsi W. Rothschild, Proc. Zool. Soc. London, p. 691, 10 Oct. 1906. Mozambique.
Cephalophus natalensis vassei Trouessart, Bull. Mus. d'Hist. Nat., Paris, p. 445, 1906. Guenguère, Mozambique.
Synonym of *robertsi* (see Wroughton, Ann. Mag. Nat. Hist. (8) 8: 277, Aug. 1911).

Cephalophus natalensis walkeri Thomas
Cephalophus walkeri Thomas, Abstract Proc. Zool. Soc. London, no. 31, p. 1, 8 May 1906; Proc. Zool. Soc. London, p. 464, pl. 35, 10 Oct. 1906. Tuchila River, about 25 miles from Blantyre, Nyasaland.
Cephalophus natalensis walkeri Schwarz, Ann. Mag. Nat. Hist. (8) 13: 493, May 1914.

Cephalophus niger Gray. Black Duiker
Cephalophus niger Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846. Guinea.
Antilope pluto Temminck, Esquisses Zool. sur la Côte de Guiné, p. 214, 1853. Guinea coast, especially near Chama and Dabocrom.

CEPHALOPHUS NIGRIFRONS NIGRIFRONS Gray. Black-fronted Duiker

Cephalophus nigrifrons Gray, Proc. Zool. Soc. London, p. 598, pl. 46, text-f. 6, Aug. 1871. Gaboon.

Cephalophus aureus Gray, Ann. Mag. Nat. Hist. (4) 12: 42, July 1873. Gaboon.

Cephalophus emini Noack, Zool. Anzeiger, 27: 405, 22 Mar. 1904. Probably from west of Lake Victoria, beyond Bukoba, east-central Africa.

Based on a headless skin; regarded as a synonym of *C. nigrifrons* by St. Leger (Proc. Zool. Soc. London, p. 211. 16 Apl. 1936).

Cephalophus claudi Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 386, May 1907. Bambili, Uele River, Congo Belge.

A subspecies of *C. nigrifrons* (fide Lydekker and Blaine), and so accepted by Lönnberg (Revue Zool. Africaine, 7: 167, 1919), but by St. Leger made a synonym of *nigrifrons*.

Cephalophus claudi mixtus Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, 58: no. 2, p. 89, pl. 10, f. 3, 1 Sep. 1917. Beni, Congo Belge.

Cephalophus nigrifrons lusumbi Lönnberg, Revue Zool. Africaine, 7: 168, 1 Oct. 1919. Kinda, Lulua district, western Katanga, Congo Belge.

Cephalophus nigrifrons apanbanga Lorenz-Liburnau, Ann. Naturhist. Mus. Wien, 36: 108, text-f. 6, Oct. 1923. Ukaika, Ituri district, Congo Belge.

A synonym of *C. nigrifrons* according to St. Leger (Proc. Zool. Soc. London, p. 211, 16 Apl. 1936).

CEPHALOPHUS NIGRIFRONS FOSTERI St. Leger. Foster's Black-fronted Duiker

Cephalophus fosteri St. Leger, Ann. Mag. Nat. Hist. (10) 14: 383, Sep. 1934. Mt. Elgon, Kenya Colony, 9300 ft.

Cephalophus nigrifrons fosteri St. Leger, Proc. Zool. Soc. London, p. 214, 16 Apl. 1936.

CEPHALOPHUS NIGRIFRONS HOOKI St. Leger. Hook's Black-fronted Duiker

Cephalophus hooki St. Leger, Ann. Mag. Nat. Hist. (10) 14: 384, Sep. 1934. Southwest face of Mt. Kenya, Kenya Colony, 8500–10,000 ft.

Cephalophus nigrifrons hooki St. Leger, Proc. Zool. Soc. London, p. 214, 16 Apl. 1936.

For Mr. Raymond Hook.

CEPHALOPHUS NIGRIFRONS KIVUENSIS Lönnberg. Kivu Black-fronted Duiker

Cephalophus nigrifrons kivuensis Lönnberg, Revue Zool. Africaine, 7: 165, 1 Oct. 1919. Lake Kivu region, Congo Belge.

CEPHALOPHUS NIGRIFRONS RUBIDUS Thomas

Cephalophus rubidus Thomas, Proc. Zool. Soc. London, 2: 89, 1 Oct. 1901. "Ruwenzori district."

Cephalophus nigrifrons rubidus St. Leger, Proc. Zool. Soc. London, p. 213, 16 Apl. 1936.

CEPHALOPHUS OGILBYI OGILBYI (Waterhouse). Ogilby's Duiker

Antilope ogilbyi Waterhouse, Proc. Zool. Soc. London, p. 60, 1838. Island of Fernando Po.

Cephalophus ogilbii Gray, Ann. Mag. Nat. Hist. (1) 18: 165, Sep. 1846.

CEPHALOPHUS OGILBYI BROOKEI Thomas. Brooke's Duiker

Cephalophus brookei Thomas, Ann. Mag. Nat. Hist. (7) 11: 290, Mar. 1903. Fanti, Gold Coast.

The "mainland representative of *ogilbyi*" (Lydekker and Blaine).

CEPHALOPHUS RUFILATUS RUFILATUS Gray. Red-flanked Duiker

Antilope grimmia Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 2: 191, 1816, not of Pallas. Coast of Guinea.

Cephalophus rufilatus Gray, Ann. Mag. Nat. Hist. (1) 18: 166, Sep. 1846. Waterloo Village, Sierra Leone.

Cephalophus rufilatus cuvieri Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 166, 1869; based on *Cephalophus rufilatus*, var. Gray. "Sierra Leone, Ashantee."

CEPHALOPHUS RUFILATUS RUBIDIOR Thomas and Wroughton

Cephalophus rufilatus rubidior Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 385, May 1907. Upper Uele Valley, Congo Belge.

CEPHALOPHUS SILVICULTOR SILVICULTOR (Afzelius). Yellow-backed Duiker

Antilope silvicultrix Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 265, pl. 8, f. 1, 1815. Sierra Leone, and regions adjacent to the Pongas and Quia Rivers.

Cephalophus punctulatus Gray, Gleanings from the Menagerie at Knowsley Hall, 2: 11, pl. 11, f. 1, 1850. Sierra Leone.

Cephalophus longiceps Gray, Proc. Zool. Soc. London, p. 204, text-f. 1, June 1865. Gaboon.

Cephalophus ruficrista Bocage, Jorn. de Sci. Math., Phys. e Nat., Lisboa, (1) 2: 221, Aug. 1869; Proc. Zool. Soc. London, for 1878, p. 744, Apl. 1879. Interior of Angola (Loanda).

Cephalophus melanoprymnus Gray, Proc. Zool. Soc. London, p. 594, pl. 44, text-f. 2, 3, Aug. 1871. Gaboon.

Cephalophus sylvicultor Thomas, Proc. Zool. Soc. London, p. 416, Oct. 1892.

[*Cephalophus*] *sclateri* Jentink, Notes Leyden Mus., 22: 187, Mar. 1901. Congo.

[*Cephalophus*] *thomasi* Jentink, Notes Leyden Mus., 22: 187, Mar. 1901. Congo.

Cephalophus coxi Jentink, Notes Leyden Mus., 28: 117, July 1906. Northwestern Rhodesia.

On the identity of this supposed form with the typical animal, see Lönnberg, E. (Revue Zool. Africaine, 7: 163, 1 Oct. 1919).

CEPHALOPHUS SILVICULTOR ITURIENSIS M. de Rothschild and Neuville

Cephalophus ituriensis M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 98, 1907. Ituri valley, Congo Belge.

Cephalophus sylvicultrix ituriensis St. Leger, Proc. Zool. Soc. London, p. 215, 16 Apl. 1936. A valid race.

CEPHALOPHUS SPADIX True. Abbott's Duiker

Cephalophus spadix True, Proc. U. S. Nat. Mus., 13: 227, 16 Sep. 1890. High altitude, Mt. Kilimanjaro, Tanganyika Territory.

CEPHALOPHUS ZEBRA (Gray). Zebra Antelope or Banded Duiker

Antilope zebra Gray, Ann. Mag. Nat. Hist. (1) 1: 27, Mar. 1838. Sierra Leone.

A[ntilope] zebrata Gervais, Echo de Monde Savant, 1836?; Dictionnaire des Sci. Nat., Suppl., 1: pt. 2, p. 267, 1841. West coast of Africa.

Cephalophus dorix Thomas, Proc. Zool. Soc. London, p. 424, Oct. 1892.

A[ntilope] doria Ogilby, Proc. Zool. Soc. London, for 1836, p. 121, 20 Feb. 1837. No description, but Ogilby says "the beautiful species mentioned by Mr. Bennett (Proc. Zool. Soc., 1833, p. 1,) which is a real *Antilope*, and which I hope shortly to have an opportunity of describing in detail under the name of *A. doria* . . ." The antelope referred to, however, is the Mhorr!

Range: Interior of Liberia and western Sierra Leone.

Subgenus GUEVEI Gray

Guevei Gray, Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 86, 1852. As a subgenus of *Cephalophus;* type *Antilope* (*Cephalophus*) *maxwellii* Hamilton Smith. Schwarz (Ann. Mag. Nat. Hist. (8) 13: 492, May 1914) considers this group entitled to generic rank.

CEPHALOPHUS CÆRULUS CÆRULUS (Hamilton Smith). Blue Duiker

Antilope pygmæa Schinz, Cuvier's Thierreich, 1: 393, 1821, not *Antilope pygmæus* Pallas, = *Neotragus pygmæus* (Linnæus). Forests of south coast of Africa.

A[ntilope] cærula Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 268; 5: 348, 1827. Near Cape Town, Cape of Good Hope.

A[ntilope] perpusilla Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 269; 5: 348, 1827. "Interior of Caffraria."

Cephalopus (sic) *cærula* A. Smith, South African Quart. Journ., 2: 216, 1834. South Africa.

Antilope minuta Forster, Descrip. Animalium, p. 383, 1844. Substitute for *Antilope pygmæa* Pallas.

Cephalophus monticola Gray, Ann. Mag. Nat. Hist. (1) 18: 167, Sep. 1846. South Africa, Cape region.

Not *Capra monticola* Thunberg, 1789, = *Ourebia ourebi* (Zimmermann); see Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, footnote, Jan. 1914.

Cephalophus bicolor Gray, Proc. Zool. Soc. London, for 1862, p. 263, pl. 24, Apl. 1863. Ungozi forest, between Umbrelans and Umblatore, Natal.
Cephalophus pygmæus caffer Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 166, 1869. Kaffirland, Mozambique. Based on the *Sylvicapra monticola*, var., Sundevall.

Cephalophus cærulus æquatorialis Matschie
Cephalolophus (sic) *æquatorialis* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 112, 1892. Chagwe, Uganda.
C[ephalophus] æquinoctialis Lydekker, Horns and Hoofs, p. 209, 1893 (errorim).

Cephalophus cærulus anchietæ Bocage
Cephalophus anchietæ Bocage, Proc. Zool. Soc. London, for 1878, p. 743, Apl. 1879. Capangombe, Angola.
C[ephalophus] c[ærulus] anchietæ Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914.

Cephalophus cærulus bakeri M. de Rothschild and Neuville
Cephalophus æquatorialis bakeri M. de Rothschild and Neuville, Compt. Rend. Acad. Sci. Paris, 144: 219, 1907. Ituri Forest, eastern Uganda.
C[ephalophus] c[ærulus] bakeri Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914.

Cephalophus cærulus congicus Lönnberg
Cephalophus nyasæ congicus Lönnberg, Arkiv f. Zool., 4: no. 16, p. 12, 29 Apl. 1908. Lower Congo.
Cephalophus cærulus congicus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914.

Cephalophus cærulus defriesi W. Rothschild
Cephalophus nyasæ defriesi W. Rothschild, Abstract Proc. Zool. Soc. London, no. 3, p. 9, 23 Feb. 1904; Proc. Zool. Soc. London, 1: 229, 9 June 1904. Itambe, between Lakes Mweru and Tanganyika, Northern Rhodesia.

Cephalophus cærulus fuscicolor Blaine
Cephalophus monticola fuscicolor Blaine, Ann. Mag. Nat. Hist. (9) 9: 175, Feb. 1922. Chirinda Forest, Melsetter, Rhodesia.

Cephalophus cærulus hecki Matschie
Cephalolophus (sic) *hecki* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 158, 1897. Mozambique coast.

Cephalophus cærulus ludlami Blaine
Cephalophus monticola ludlami Blaine, Ann. Mag. Nat. Hist. (9) 9: 174, Feb. 1922. Junction of Lunga with Kafue River, northwestern Rhodesia.

CEPHALOPHUS CÆRULUS LUGENS Thomas

Cephalophus lugens Thomas, Proc. Zool. Soc. London, p. 393, 1 Oct. 1898. Urori, also called Usango, 8° S., 34° E., Tanganyika Territory.

Probably a subspecies of *C. cærulus*.

CEPHALOPHUS CÆRULUS MELANORHEUS Gray

Cephalophus melanorheus Gray, Ann. Mag. Nat. Hist. (1) 18: 167, Sep. 1846. Island of Fernando Po.

CEPHALOPHUS CÆRULUS MUSCULOIDES Heller

Cephalophus monticola musculoides Heller, Smithsonian Misc. Coll., 61: no. 7, p. 9, 31 July 1913. Kakamega Forest, Kenya Colony.

Cephalophus melanorheus musculoides Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 99, 1914.

CEPHALOPHUS CÆRULUS NYASÆ Thomas

Cephalophus nyasæ Thomas, Ann. Mag. Nat. Hist. (7) 9: 58, Jan. 1902. Mlanje, Nyasaland.

CEPHALOPHUS CÆRULUS PEMBÆ Kershaw

Cephalophus melanorheus pembæ Kershaw, Ann. Mag. Nat. Hist. (9) 13: 556, May 1924. Vitongozi, Pemba Island, off eastern Africa.

CEPHALOPHUS CÆRULUS RUDDI Blaine

Cephalophus monticola ruddi Blaine, Ann. Mag. Nat. Hist. (9) 9: 175, Feb. 1922. Sibedeni, northwestern Eshowe, Zululand, Natal.

CEPHALOPHUS CÆRULUS SCHULTZEI Schwarz

Cephalophus cærulus schultzei Schwarz, Ann. Mag. Nat. Hist. (8) 13: 35, Jan. 1914. Yukaduma, north of River Bumba, southern Cameroons.

CEPHALOPHUS CÆRULUS SCHUSTERI Matschie

Cephalophus (Guevei) schusteri Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 352, July 1914. Uluguru Mts., Tanganyika Territory, 1000 m.

CEPHALOPHUS CÆRULUS SUNDEVALLI Fitzinger

Cephalophus pygmæus sundevalli Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 166, 1869. "Insel bei Zanzibar." Based on *Sylvicapra monticola* var., Sundevall.

CEPHALOPHUS MAXWELLII MAXWELLII (Hamilton Smith). Maxwell's Duiker

A[ntilope] maxwellii Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 267, 1827. Sierra Leone.

For Col. Chas. Maxwell.

A[ntilope] philantomba Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 349, 1827. Sierra Leone.

Ant[ilope] frederici Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 623, 1842. Senegal.

For Frederic Cuvier.

Cephalophus whitfieldii Gray, Gleanings from the Menagerie at Knowsley Hall, 2: 12, pl. 11, f. 2, 1850. Gambia.

CEPHALOPHUS MAXWELLII DANEI Hinton

Cephalophus danei Hinton, Ann. Mag. Nat. Hist. (9) 6: 531, Dec. 1920. Yatward Island, Rokelle River, Sierra Leone.

CEPHALOPHUS MAXWELLII LIBERIENSIS Hinton

Cephalophus liberiensis Hinton, Ann. Mag. Nat. Hist. (9) 6: 530, Dec. 1920. Mt. Barclay, Liberia.

CEPHALOPHUS MAXWELLII LOWEI Hinton

Cephalophus lowei Hinton, Ann. Mag. Nat. Hist. (9) 6: 531, Dec. 1920. Tasso Island, Rokelle River, Sierra Leone.

CEPHALOPHUS SIMPSONI Thomas. Simpson's Duiker

Cephalophus simpsoni Thomas, Ann. Mag. Nat. Hist. (8) 5: 92, Jan. 1910. Kole, Lukenye valley, south-central Congo Belge.

SYLVICAPRA Ogilby. Duikerboks

Sylvicapra Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837. Genotype *Antilope mergens* Desmarest = *Capra grimmia* Linnæus.

Grimmia Laurillard, in D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 623 (art. *Antilope*), 1842. As a subgenus of *Antilope;* to include six species; type fixed as *Cephalophus rufipilatus* Gray = *Antilope grimmia* Linnæus (see P. L. Sclater and Thomas, Book of Antelopes, 1: pt. 3, p. 121, May 1895).

Cephalophora Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. Genotype *Cephalophora coronata* Gray. Intended as an emendation of *Cephalophus.*

SYLVICAPRA GRIMMIA GRIMMIA (Linnæus). Cape Duiker or Duikerbok

Capra grimmia Linnæus, Syst. Nat., ed. 10, 1: 70, 1758. "Africa," i.e., Cape of Good Hope.

Antilope nictitans Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, p. 312, 1811. Cape of Good Hope.

Antilope mergens Desmarest, Nouv. Dictionnaire d'Hist. Nat., 2: 193, 1816. Cape of Good Hope.

Cemas cana Oken, Lehrbuch d. Naturgesch., pt. 3, zool., sect. 2, p. 743, 1816. Guinea to Cape of Good Hope.

A[ntilope] burchellii Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 262, 1827. "Interior of the west side of Caffraria," i.e. Natal.

A[ntilope] platous Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 260, 1827. Cape of Good Hope.

A[ntilope] ptoox Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 265, 1827. Cape of Good Hope.

Antilope (Cephalophus) platyotis Lesson, Suites à Buffon, Hist. Nat. Mamm., 10: 293, 1836. Based on Hamilton Smith's account.

Sylvicapra mergens caffra Fitzinger, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 59: sect. 1, p. 167, 1869. Kaffirland, southwest Africa. Based on *Sylvicapra mergens*, var. β Sundevall.

G[rimmia] irrorata Gray, Proc. Zool. Soc. London, p. 589, 590, text-f. 1, Aug. 1871. Natal.

Cephalolophus grimmii Thomas, Proc. Zool. Soc. London, p. 428, Oct. 1892; emendation.

Sylvicapra grimmia abyssinica (Thomas). Abyssinian Duikerbok

Cephalolophus abyssinicus Thomas, Proc. Zool. Soc. London, p. 427, Oct. 1892. Abyssinia.

Antilope madoqua Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 22, pl. 7, f. 2, 1835. Galla west of Massawa and mountains of Kullaf, Ethiopia.

Regarded by Thomas as preoccupied by *Antilope madoka* Hamilton Smith, 1827, = *Madoqua saltiana* (Blainville).

Sylvicapra grimmia altifrons (Peters)

Antilope altifrons Peters, Reise nach Mossambique, Säugeth., p. 184, pl. 37, 38, 1852. Sena, Boror, Mozambique, 17° S.

Antilope ocularis Peters, Reise nach Mossambique, Säugeth., p. 186, pl. 39; pl. 41, f. 1; pl. 42, f. 1, 1852. Mozambique, plains at Sena, Tette, Macanga, Boror.

Sylvicapra grimmia altivallis Heller

Sylvicapra grimmi altivallis Heller, Smithsonian Misc. Coll., 60: no. 8, p.10, 2 Nov. 1912. Summit of Aberdare Range, near Kinanagop Peak, Kenya Colony, 10,500 ft.

Sylvicapra grimmia bradfieldi Roberts

Sylvicapra grimmi bradfieldi Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Quickborn, Okahandja, Southwest Africa.

Sylvicapra grimmia campbelliæ (Gray)

Cephalophus campbelliæ Gray, List Spec. Mamm. Brit. Mus., p. 162, 13 May 1843; Ann. Mag. Nat. Hist. (1) 18: 164, Sep. 1846. "South Africa."

Sylvicapra coronata campbelliæ Pocock, Proc. Zool. Soc. London, for 1910, p. 873, 11 Jan. 1911. "?Sierra Leone" according to Gray, but probably Nigeria.

Sylvicapra grimmia coronata (Gray). Crowned Duikerbok

Cephalophora coronata Gray, Ann. Mag. Nat. Hist. (1) 10: 266, Dec. 1842. "Western Africa."

Sylvicapra grimmia cunenensis Zukowsky

Sylvicapra grimmia cunenensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 117, text-f. 7–9, July 1924. Otjonganga, southeast of Omuhonga Mts., Southwest Africa.

Sylvicapra grimmia deserti Heller

Sylvicapra grimmia deserti Heller, Smithsonian Misc. Coll., 61: no. 17, p. 4, 21 Oct. 1913. Voi, Kenya Colony.

Sylvicapra grimmia flavescens (Lorenz)

Cephalophus grimmia flavescens Lorenz, Ann. K. K. Naturhist. Hofmus., Wien, 9: Notizen, p. 60, 1894. Matabeleland, near Victoria Falls, Rhodesia.

Sylvicapra grimmia hindei (Wroughton). Hinde's Duikerbok

Cephalophus abyssinicus hindei Wroughton, Ann. Mag. Nat. Hist. (8) 5: 273, Mar. 1910. Fort Hall, Kenya Colony.

Sylvicapra grimmia lobeliarum Lönnberg

Sylvicapra grimmia lobeliarum Lönnberg, Revue Zool. Africaine, 7: 181, 1 Oct. 1919. Mt. Elgon, Kenya Colony, in lobelia zone.

Sylvicapra grimmia lutea (Dollman)

Cephalophus grimmia lutea Dollman, Abstract Proc. Zool. Soc. London, no. 131, p. 26, 14 Apl. 1914; Proc. Zool. Soc. London, p. 318, 16 June 1914. Mt. Moroto, northeastern Karamojo, Central Province, Uganda.

Sylvicapra grimmia noomei Roberts

Sylvicapra altifrons noomei Roberts, Ann. Transvaal Mus., 11: 263, 14 Sep. 1926. Maputa River, Mozambique.

Sylvicapra grimmia nyansæ Neumann. Nyanza Duikerbok

Sylvicapra abyssinica nyansæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89, 1905. Kwa Kitoto, Kavirondo district, Kenya Colony.

SYLVICAPRA GRIMMIA OMURAMBÆ Zukowsky

Sylvicapra grimmia omurambæ Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 118, text-f. 7–9, no. 1, July 1924. Otjomikambo, on the Omuramba u'Omatako, Southwest Africa.

SYLVICAPRA GRIMMIA PALLIDIOR Schwarz

Sylvicapra grimmia pallidior Schwarz, Ann. Mag. Nat. Hist. (8) 13: 36, Jan. 1914. Mani, lower Shari River, French West Africa.

SYLVICAPRA GRIMMIA ROOSEVELTI Heller. Roosevelt's Duikerbok

Sylvicapra grimmi roosevelti Heller, Smithsonian Misc. Coll., 60: no. 8, p. 9, 2 Nov. 1912. Rhino Camp, Lado Enclave.

SYLVICAPRA GRIMMIA SHIRENSIS (Wroughton)

Cephalophus abyssinicus shirensis Wroughton, Ann. Mag. Nat. Hist. (8) 5: 274, Mar. 1910. Zomba, Nyasaland.

SYLVICAPRA GRIMMIA SPLENDIDULA (Gray)

Grimmia splendidula Gray, Proc. Zool. Soc. London, p. 590, Aug. 1871. St. Paul de Loando, Angola.

SYLVICAPRA GRIMMIA STEINHARDTI Zukowsky

Sylvicapra grimmia steinhardti Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 113, text-f. 7–9, no. 4, July 1924. Otjikuara, source of the Hoamib, Southwest Africa.

SYLVICAPRA GRIMMIA TRANSVAALENSIS Roberts

Sylvicapra grimmi transvaalensis Roberts, Ann. Transvaal Mus., 11: 262, 14 Sep. 1926. Rustenburg district, Transvaal.

SYLVICAPRA GRIMMIA UGABENSIS Zukowsky

Sylvicapra grimmia ugabensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 115, text-f. 7–9, no. 3, July 1924. Goreis, 45 km. west of Outjo, Southwest Africa.

SYLVICAPRA GRIMMIA UVIRENSIS Lönnberg

Sylvicapra grimmia uvirensis Lönnberg, Revue Zool. Africaine, 7: 179, 1 Oct. 1919. Uvira and Baraka, northwest of Tanganyika, Congo Belge.

SYLVICAPRA LEUCOPROSOPUS (Neumann)

Cephalolophus leucoprosopus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 18, 1899. Angola, sent from St. Paul de Loanda.

Probably a race of *S. grimmia*.

Subfamily OREOTRAGINÆ. Klipspringers

See: Pocock, R. I. On the specialized cutaneous glands of ruminants. Proc. Zool. Soc. London, for 1910, p. 840–906, text-f. 83-142, 11 Jan. 1911.

Neumann, O. Die verschiedenen Arten des Klippspringers (*Oreotragus*). Sitzb. Ges. Naturf. Freunde, Berlin, p. 169–175, Nov. 1902 (key).

Oreotragus A. Smith

Oreotragus A. Smith, South African Quart. Journ., 2: 212, 1834. Genotype *Antilope saltatrix* Boddært = *Antilope oreotragus* Zimmermann.

Oritragus Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: pp. xxxiii, 154, 1841. Genotype "Klippspringer" = *Oreotragus oreotragus* (Zimmermann).

Oreotragus oreotragus oreotragus (Zimmermann). South African Klipspringer

Antilope oreotragus Zimmermann, Geogr. Geschichte, 3: 269, 1783. Cape of Good Hope.

Antilope saltatrix Boddært, Elenchus Animalium, p. 141, 1785. Cape of Good Hope.

Antilope klippspringer Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 32, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 191, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

Oreotragus typicus A. Smith, South African Quart. Journ., 2: 212, 1834.

Oreotragus saltator Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865.

Oreotragus oreotragus aceratos Noack

Oreotragus aceratos Noack, Zool. Anzeiger, 22: 11, 16 Jan. 1899. West of Lindi, Umbekuru (Bwemkuru) region, southern Tanganyika Territory.

Oreotragus oreotragus aureus Heller

Oreotragus oreotragus aureus Heller, Smithsonian Misc. Coll., 61: no. 13, p. 7, 16 Sep. 1913. Mt. Lololokwi, north of Northern Guaso Nyiro, Kenya Colony.

Oreotragus oreotragus centralis Hinton

Oreotragus oreotragus centralis Hinton, Ann. Mag. Nat. Hist. (9) 8: 131, July 1921. South Chinsali district, northeastern Rhodesia.

Oreotragus oreotragus cunenensis Zukowsky

Oreotragus oreotragus cunenensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 124, text-f. 10–12, no. 2, July 1924. Kambele Falls, north bank of Kunene River, Southwest Africa.

Oreotragus oreotragus steinhardti Zukowsky, Arch. f. Naturgesch., 90: sect A, pt. 1, p. 127, text-f. 10–12, no. 1, July 1924. Otjongombe, west of Kaoko-Otavi, Southwest Africa.

"Indistinguishable from *O.o. cunenensis*" (Shortridge, G.C., Mammals of South West Africa, 2: 477, 1934).

Oreotragus oreotragus hyatti Hinton

Oreotragus oreotragus hyatti Hinton, Ann. Mag. Nat. Hist. (9) 8: 133, July 1921. Leri n'Duchi, northeastern Zaria Province, northern Nigeria.

Oreotragus oreotragus porteousi Lydekker. Porteous's Klipspringer

Oreotragus saltator porteusi (sic) Lydekker, Abstract Proc. Zool. Soc. London, no. 98, p. 38, 20 June 1911; Proc. Zool. Soc. London, p. 960, text-f. 192, 15 Dec. 1911. Duchi n'Wai Range, Zaria district, northern Nigeria (not Yola as originally given; see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 130, footnote, 1914, where also misspelling of subspecific name is corrected).

Oreotragus oreotragus saltatrixoides (Temminck). Abyssinian Klipspringer

Calotragus saltatrixoides Temminck, Esquisses Zool. sur la Côte de Guiné, p. 191, 1853. Abyssinia. Based on Rüppell's account.

Oreotragus oreotragus schillingsi Neumann. Schillings's Klipspringer

Oreotragus schillingsi Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 172, Nov. 1902. Dönje Ngaptuk, northwest of Mt. Kilimanjaro, Tanganyika Territory.

Oreotragus oreotragus somalicus Neumann. Somali Klipspringer

Oreotragus somalicus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 174, Nov. 1902. Sheikh, Goolis Mts., northern Somaliland.

Oreotragus oreotragus transvaalensis Roberts

Oreotragus oreotragus transvaalensis Roberts, Ann. Transvaal Mus., 5: 276, 16 May 1917. Rooikrans, Rustenburg district, Transvaal.

Oreotragus oreotragus tyleri Hinton

Oreotragus oreotragus tyleri Hinton, Ann. Mag. Nat. Hist. (9) 8: 131, July 1921. Esquimina, south of Benguela, Angola.

Subfamily NEOTRAGINÆ. Pygmy Antelopes

Hylarnus Thomas

Hylarnus Thomas, Ann. Mag. Nat. Hist. (7) 18: 149, Aug. 1906. Genotype *Neotragus batesi* De Winton.

Treated by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 166, 1914) as a subgenus of *Neotragus*.

Hylarnus batesi batesi (De Winton). Bates's Dwarf Antelope

Neotragus batesi De Winton, Proc. Zool. Soc. London, 1: 192, pl. 19, text-f. 29, 6 Aug. 1903. Efulen, Cameroons.

Hylarnus batesi harrisoni Thomas

Hylarnus harrisoni Thomas, Ann. Mag. Nat. Hist. (7) 18: 149, Aug. 1906. Semliki Forest, eastern Congo Belge.

Neotragus Hamilton Smith. Royal Antelope

Neotragus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 349, 1827. As a subgenus of *Antilope;* type *Antilope pygmæa* (Shaw) = *Capra pygmæa* Linnæus.

Treated by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 158, 1914) as including *Nesotragus* and *Hylarnus* as subgenera.

Tragulus Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837; not of Pallas. Genotype *Antilope pygmæa* (Linnæus).

Minytragus Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: xxxiii, 154, 1841. No type mentioned; includes several species of African Dwarf Antelopes.

Spinigera Lesson, Nouv. Tableau Règne Anim., Mamm., p. 178, 1842. As a subgenus of *Antilope;* type *Antilope spinigera* Temminck = *Capra pygmæa* Linnæus.

Nanotragus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 191, 1846. Genotype *Neotragus spiniger* (Temminck) = *Capra pygmæa* Linnæus.

Capra, Moschus, Antilope, Cerophorus, Cemas, Cephalophorus, Calotragus, in part, of older authors.

Neotragus pygmæus (Linnæus). Royal Antelope

Capra pygmæa Linnæus, Syst. Nat., ed. 10, 1: 69, 1758. "Guinea, India."

Antilope regia Erxleben, Syst. Regni Animalis, p. 278, 1777. "ad Senegal fluvium."

Antilope spinigera Temminck, Monographies de Mammalogie, 1: p. xxx, 1827 (nomen nudum); Lesson, Manuel de Mammalogie, p. 379, 1827. Coasts of Guinea and Loango.

Antilope (*Spinigera*) *spinigera* Lesson, Nouv. Tableau Règne Anim., Mamm., p. 178, 1842. West coast of Africa.

Nanotragus perpusillus Gray, Proc. Zool. Soc. London, for 1850, p. 126, 24 Feb. 1851. Guinea.

Nesotragus Von Dueben. Suni or Dwarf Antelope

Nesotragus Von Dueben, in Sundevall, Öfvers. af Kongl. Vet.-Akad. Förhandl., Stockholm, 3: no. 7, p. 221, 1846. Genotype, *Nesotragus moschatus* von Dueben.

Regarded by Lydekker and Blaine as a subgenus of *Neotragus*.

Nesotragus moschatus moschatus Von Dueben. Suni

Nesotragus moschatus von Dueben, in Sundevall, Öfversigt af Kongl. Svenska Vet.-Akad. Förhandl., Stockholm, 3: no. 7, p. 221, 1846. Chapani Island, two miles (English) from Zanzibar.

Cephalophorus zanzibaricus Layard, Cat. Mamm. South African Mus., p. 71, 1861.

Nesotragus kirchenpaueri Pagenstecher, Jahrb. Hamburg. Wiss. Anstalten, 2: 36, 1885. Great Arusha, Tanganyika Territory.

Nesotragus moschatus akeleyi Heller. Akeley's Suni

Nesotragus moschatus akeleyi Heller, Smithsonian Misc. Coll., 61: no. 7, p. 1, 31 July 1913. Southeast slope, Mt. Kenya, Kenya Colony, 7000 ft.

Nesotragus moschatus desertícola Heller

Nesotragus moschatus desertícola Heller, Smithsonian Misc. Coll., 61: no. 7, p. 2, 31 July 1913. Maji-ya-Chumvi, Kenya Colony.

Nesotragus livingstonianus livingstonianus Kirk. Livingstone's Suni

Nesotragus livingstonianus Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865. Shupanga and Lupata, Zambesia, Mozambique.

Nesotragus livingstonei Bryden, Great and Small Game of Africa, p. 255, 1899.

Nesotragus livingstonianus zuluensis Thomas

Nesotragus livingstonianus zuluensis Thomas, Ann. Mag. Nat. Hist. (7) 2: 317, Oct. 1898. Umkuja (Umkozi) Valley, Zululand, Natal.

Range: Zululand to Tette, Zambesia.

Ourebia Laurillard. Oribis

Ourebia Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 622, 1842 (article 'Antilope'). As a subgenus of *Antilope*, to include 7 species; type *Antilope ourebi* Zimmermann (see P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 5, p. 13, Jan. 1896).

Scopophorus Gray, Ann. Mag. Nat. Hist. (1) 18: 232, Oct. 1846. Genotype *Antilope ourebi* Zimmermann.

Quadriscopa Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 167, 1869. Genotype *Quadriscopa smithii* Fitzinger = *Antilope quadriscopa* Hamilton Smith.

Oribia F. V. Kirby, Great and Small Game of Africa, p. 238, 1899, emendation.

Ourebia haggardi (Thomas). Haggard's Oribi

Neotragus haggardi Thomas, Ann. Mag. Nat. Hist. (6) 15: 187, Feb. 1895. Lamu, Kenya Colony.

A species distinct from *O. o. montana* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 93, 1924).

Ourebia kenyæ Meinertzhagen

Ourebia kenyæ Meinertzhagen, Abstract Proc. Zool. Soc. London, no. 16, p. 15, 14 Mar. 1905; Proc. Zool. Soc. London, 1: 169, 10 Aug. 1905. Upper Tana River, Kenya Colony.

Range: Upper Tana River to Fort Hall and Ithanga Hills.

Ourebia ourebi ourebi (Zimmermann). South African Oribi

Antilope ourebi Zimmermann, Geogr. Geschichte, 3: 268, 1783. Cape of Good Hope ("die Cafferey").

Antilope scoparia Schreber, Säugthiere, pl. 261, 1785; 5: 1244, 1836. Cape Colony.

Antilope melanura Bechstein, Uebersicht d. Vierfüssige Thiere, 1: 73, 1799.

Scopophorus ourebi grayi Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 165, 1869. Cape of Good Hope. Based on the *Scopophorus ourebi* var., of Gray.

Ourebia ourebi æquatoria Heller

Ourebia montana æquatoria Heller, Smithsonian Misc. Coll., 60: no. 8, p. 12, 2 Nov. 1912. Rhino Camp, Lado Enclave.

Ourebia ourebi cottoni Thomas and Wroughton. Cotton's Oribi

Ourebia cottoni Thomas and Wroughton, Ann. Mag. Nat. Hist. (8) 1: 178, Feb. 1908. Sirgoi Rock, Guas Ngishu plateau, Kenya Colony, 7000 ft.

Ourebia microdon Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 4, pl. 1, f. 2, 3, 31 Mar. 1910. South of Nzoia River, Guas Ngishu plateau, Kenya Colony.

Ourebia ourebi dorcas Schwarz

Ourebia ourebi dorcas Schwarz, Ann. Mag. Nat. Hist. (8) 13: 37, Jan. 1914. Bahr Keeta, northeast of Fort Archambault, upper Shari district, French Equatorial Africa.

OUREBIA OUREBI GALLARUM Blaine

Ourebia gallarum Blaine, Ann. Mag. Nat. Hist. (8) 11: 146, Jan. 1913. Shores of Lake Helene, about 60 miles south of Addis Ababa, Ethiopia.

OUREBIA OUREBI GOSLINGI Thomas and Wroughton

Ourebia goslingi Thomas and Wroughton, Ann. Mag. Nat. Hist. (7) 19: 387, May 1907. Niangara, upper Uele Valley, Congo Belge.

OUREBIA OUREBI HASTATA (Peters)

Antilope hastata Peters, Reise nach Mossambique, Säugeth., p. 188, pl. 40; pl. 41, f. 2; pl. 42, f. 2, 1852. Sena, Mozambique.

OUREBIA OUREBI MONTANA (Cretzschmar)

Antilope montana Cretzschmar, Atlas zu Rüppell's Reise im nördlichen Afrika, Zool., Säugeth., p. 11, pl. 3, 1826. Fazogli Hills, Blue Nile, border of Anglo-Egyptian Sudan.

Ant[ilope] brevicaudata Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 25, 1835. Sennaar, Anglo-Egyptian Sudan.

OUREBIA OUREBI QUADRISCOPA (Hamilton Smith). Gambian Oribi

A[ntilope] quadriscopa Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 261, col. pl.; 5: 345, 1827. Senegal.

Although P. L. Sclater and Thomas (Book of Antelopes, pt. 3, p. 124, footnote, May 1895) do not attempt to identify this animal, it is clearly an oribi, and the name should supersede *nigricaudatus* of Brooke.

Quadriscopa smithii Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 167, 1869. Senegal; substitute for *Antilope quadriscopa* Hamilton Smith.

Nanotragus nigricaudatus Brooke, Proc. Zool. Soc. London, for 1872, pp. 874, 875, pl. 75, Apl. 1873. Gambia, about 70 or 80 miles from Bathurst, midway between there and Macarthey's Island.

OUREBIA OUREBI RUTILA Blaine

Ourebia rutilus Blaine, Proc. Zool. Soc. London, 1: 325, 28 June 1922. Between Quanza and Luando Rivers, southern Angola.

Ourebia leucopus Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 54: 78, text-f. 1, 1930. Chimporo, west of Caiundo, Angola.

Ourebia scoparia leucopus Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 57: 64, 1933.

OUREBIA OUREBI SPLENDIDA Schwarz

Ourebia ourebi splendida Schwarz, Ann. Mag. Nat. Hist. (8) 13: 38, Jan. 1914. Between Djogto and Lai, east of Logone River, French Equatorial Africa.

OUREBIA OUREBI UGANDÆ de Beaux

Ourebia montana ugandæ de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9 = 49: 223, 31 Mar. 1921. Near Gondokoro, Uganda.

Ourebia masakensis Lönnberg and Gyldenstolpe, Arkiv f. Zool., 17 B: no. 9, p. 3, 14 May 1925. Kyazanga, Masaka district, western Uganda.

Probably a synonym of *O. o. ugandæ*.

Ourebia pitmani Ruxton, Ann. Mag. Nat. Hist. (9) 18: 33, July 1926. Near Lake Nakivali, Ankole, Uganda, 4300 ft.

Probably a synonym of *O. o. ugandæ*.

RAPHICERUS Hamilton Smith. Steinbok

Raphicerus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 342, 1827. As a subgenus of *Antilope;* type *Antilope acuticornis* (Blainville) = *Antilope campestris* Thunberg (see P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 5, p. 33, Jan. 1896).

Rhaphoceros Agassiz, Nomenclator Zool., Index Univ., p. 321, 1846; emendation.

Calotragus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 192, 1846. Genotype *Cervus tragulus* Forster = *Antilope campestris* Thunberg.

Pediotragus Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 42: 396, 1861. Genotype *Antilope tragulus* Forster = *Antilope campestris* Thunberg.

Raphiceros Thomas, Proc. Zool. Soc. London, for 1896, p. 796, Apl. 1897; emendation.

Rhaphiceros Jentink, Notes Leyden Mus., 22: 31, July 1900; emendation.

Capra, Antilope, Cerophorus, Tragulus, Neotragus, Tragelaphus, Oreotragus, in part, of older authors.

Subgenus RAPHICERUS Hamilton Smith. (Lateral hoofs wanting.)

RAPHICERUS CAMPESTRIS CAMPESTRIS (Thunberg). South African Steinbok

Antilope campestris Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, 3: 311, 1811. Cape of Good Hope.

Antilope tragulus Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 176, 1814; Darstellung. Neue oder Wenigbek. Säugeth., pl. 14 and text, 1828. ?Damaraland (see G. C. Shortridge, Mamm. South West Africa, 2: 499, 1934), who includes this as a valid race).

Antilope tragulus var. *γ pallida* Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 177, 1814. No locality; Cape of Good Hope implied.

Antilope tragulus var. *β. rupestris* Lichtenstein, Mag. Ges. Naturf. Freunde, Berlin, 6: 177, 1814. No locality.

Antilope capensis Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 254, 1815. Cape of Good Hope, Grœne Kloof, Saldanna Bay, and Koude Bockeveld.

Antilope pediotragus Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 260, 264, 1815. Cape of Good Hope, Akter Brunties Hoogte.

Antilope ibex Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 263, 1815. Based on the Steenbok of Cape of Good Hope.

Cerophorus (*Cervicapra*) *stenbock* Blainville, Bull. des Sci., Soc. Philomatique, Paris, p. 75, 1816; nomen nudum. South Africa implied.

Cerophorus (*Cervicapra*) *acuticornis* Blainville, Bull. des Sci., Soc. Philomatique, Paris, p. 75, 79, 1816. No locality.

A[*ntilope*] *fulvo-rubescens* Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822. Plains of "Cafrérie" = South Africa.

Antilope subulata Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 253; 5: 342, 1827. "The East Indies."

Pediotragus tragulus grayi Fitzinger, Sitzb. K. K. Akad. Wiss. Wien, math.-nat. Cl., 59: sect. 1, p. 163, 1869. Southwest Africa; based on *Calotragus tragulus* var., Gray = *Calotragus campestris*, var., Gray, (Cat. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 71, 1852).

Pediotragus horstockii Jentink, Notes Leyden Mus., 22: 36, 39, July 1900. No locality.

Raphicerus campestris bourquii Monard

Raphicerus campestris bourquii Monard, Bull. Soc. Neuchâteloise des Sci. Nat., Neuchâtel, 54: 82, 1930. Calundungu, Angola.

Raphicerus campestris capricornis Thomas and Schwann

Raphicerus neumanni capricornis Thomas and Schwann, Proc. Zool. Soc. London, p. 584, 10 Oct. 1906. Klein Letaba, Transvaal.

Raphicerus campestris kelleni (Jentink)

Pediotragus kelleni Jentink, Notes Leyden Mus., 22: 41, July 1900. Cahama, Kakulovar River, tributary of the Cunene, Mossamedes, Angola.

Pediotragus kelleni cunenensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 131, text-f. 10–12, no. 4, July 1924. Ombepera, southern Omuhonga Mts., Southwest Africa.

P[*ediotragus*] *k*[*elleni*] *hoamibensis* Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 133, footnote, July 1924. Otjonduno, near source of the Hoamib, southern Ombombo, Southwest Africa.

Probably a synonym of *R. c. kelleni*.

Pediotragus kelleni steinhardti Zukowsky, Arch. f. Naturgesch., 90: sect. A. pt. 1, p. 129, text-f. 10–12, no. 3, July 1924. Cheiros, northeast of Franzfontein, source of the Huab, Southwest Africa.

Pediotragus kelleni ugabensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 132, text-f. 10–12, no. 5, July 1924. Okuvakuatjivi, near Omaruru, upper Omaruru River, Southwest Africa.

Probably a synonym of *Raphicerus c. kelleni*.

P[ediotragus] k[elleni] zukowskyi Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 133, footnote, July 1924. Bubos, 18 km. northeast of Grootfontein, and vicinity, Southwest Africa.

Probably a synonym of *R. c. kelleni*.

Raphicerus campestris natalensis W. Rothschild

Rhaphiceros (sic) *horstocki natalensis* W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907. Drakensberg district, Natal.

Raphicerus campestris neumanni (Matschie)

Pediotragus neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 122, 1894. Northern Ugogo, Tisso and Nyangani, Tanganyika Territory.

Rhaphicerus neumanni stigmatus Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exp. nach Kilimandjaro u. Leitung v. Sjöstedt, Mamm., p. 40, pl. 6, f. 3, 1908. Near Natron Lakes and near Ngare na Nyuki, Tanganyika Territory.

The name is misspelled *stigmaticus* by Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 152, 1914.

Raphicerus sharpei sharpei Thomas. Sharpe's Steinbok

Raphiceros sharpei Thomas, Proc. Zool. Soc. London, for 1896, p. 796, pl. 39, Apl. 1897. Southern Angoniland, Nyasaland.

Raphicerus sharpei colonicus Thomas and Schwann .

Raphicerus sharpei colonicus Thomas and Schwann, Proc. Zool. Soc. London, p. 583, 10 Oct. 1906. Klein Letaba, Transvaal.

Subgenus Nototragus Thomas and Schwann

Nototragus Thomas and Schwann, Abstract Proc. Zool. Soc. London, no. 27, p. 10, 27 Feb. 1906; Proc. Zool. Soc. London, p. 168, 7 June 1906. Type *Raphicerus melanotis* (Thunberg).

Grysbock Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 55, text-f., Jan. 1907. Genotype *Grysbock melanotis* (Thunberg). Here as a subgenus, characterized by its lateral toes.

Raphicerus melanotis (Thunberg). Grysbok

Antilope melanotis Thunberg, Mém. Acad. Imp. des Sci., St. Pétersbourg, 3: 312, 1811. Cape of Good Hope.

Antilope grisea Cuvier, Dictionnaire des Sci. Nat., 2: 244, 1816. Cape of Good Hope.

Antilope rubro-albescens Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822. No locality.

Antilope rufescens Hamilton Smith, ex Burchell MS., Griffith's Cuvier, Animal Kingdom, 4: 249; 5: 341, 1827. Cape of Good Hope.

Subfamily MADOQUINÆ. Dik-diks

Dorcatragus Noack. Beira Antelope

Dorcatragus Noack, Zool. Anzeiger, 17: 202, 28 May 1894. Genotype *Oreotragus megalotis* Menges.

Placed with the Madoquinæ by Pocock (Proc. Zool. Soc. London, for 1910, p. 878, 11 Jan. 1911) with which it agrees in the nature of its foot glands.

Dorcotragus P. L. Sclater and Thomas, Book of Antelopes, 3: pt. 12, p. 239, pl. 75, text-f. 87, Oct. 1898; emendation.

Dorcatragus megalotis (Menges). Beira

Oreotragus megalotis Menges, Zool. Anzeiger, 17: 130, 9 Apl. 1894. Hekebo, northern Somaliland.

Dorcatragus megalotis Noack, Zool. Anzeiger, 17: 202, 28 May 1894.

Range: Mountains of Somaliland and parts of Abyssinia (Ethiopia).

Madoqua Ogilby. Dik-diks

Madoqua Ogilby, Proc. Zool. Soc. London, for 1836, p. 137, 27 June 1837. Genotype *Antilope saltiana* Desmarest.

See: Drake-Brockman, R. E. On antelopes of the genera *Madoqua* and *Rhynchotragus* found in Somaliland. Proc. Zool. Soc. London, p. 977–984, pl. 55, 56, 15 Dec. 1911.

Madoqua cordeauxi Drake-Brockman

Madoqua cordeauxi Drake-Brockman, Ann. Mag. Nat. Hist. (8) 4: 49, July 1909. Dirre Dawa, Abyssinia (Ethiopia), 3500 ft.

Madoqua erlangeri Neumann

Madoqua erlangeri Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 88, 1905. Near Sheikh Hussein, Arusiland, central Abyssinia (Ethiopia).

Madoqua phillipsi phillipsi Thomas. Phillips's Dik-dik

Madoqua phillipsi Thomas, Proc. Zool. Soc. London, p. 327, text-f. 3, Aug. 1894. Dobwein, northern British Somaliland.

Madoqua phillipsi gubanensis Drake-Brockman

Madoqua phillipsi gubanensis Drake-Brockman, Ann. Mag. Nat. Hist. (8) 4: 49, July 1909. Hul Gabobai, Guban, Golis foothills, 35 miles south of Berbera, British Somaliland.

Madoqua phillipsi hararensis Neumann

Madoqua hararensis Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 87, 1905. Kumbi, Ennia-Galla Land, Abyssinia.

MADOQUA PHILLIPSI LAWRANCEI Drake-Brockman

Madoqua phillipsi lawrancei Drake-Brockman, Ann. Mag. Nat. Hist. (9) 18: 213, Aug. 1926. Eil Hur, near Obbia, Italian Somaliland.

MADOQUA SALTIANA (Desmarest). Salt's Dik-dik

Antilope saltiana Desmarest, Nouv. Dictionnaire d'Hist. Nat., ed. 2, 2: 192, 1816. Abyssinia.

Antilope (*Cervicapra*) *saltiana* Blainville, Bull. des Sci. Soc. Philomatique, Paris, pp. 75, 79, 1816. Abyssinia.

A[*ntilope*] *madoka* Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 271, 1827. Abyssinia.

Antilope hemprichiana Ehrenberg, in Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, folio z (text to pl. 7), Aug. 1832. Gedam Mountains, Abyssinia, near Arkiko and Eilet.

Possibly a distinct race, *M. saltiana hemprichiana* (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 176, 1914).

Antilope hemprichii Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 25, 1835. Renaming of the *Antilope saltiana* Rüppell (Atlas zu d. Reise Nördlich. Afrika).

Antilope madoqua Waterhouse, Cat. Mamm. Mus. Zool. Soc. London, ed. 2, p. 40, 1838. Abyssinia.

MADOQUA SWAYNEI SWAYNEI Thomas. Swayne's Dik-dik

Modoqua swaynei Thomas, Proc. Zool. Soc. London, p. 328, Aug. 1894. Berbera, British Somaliland.

MADOQUA SWAYNEI CITERNII de Beaux

Madoqua swaynei citernii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 31, Feb. 1922. Dolo, Italian Somaliland.

MADOQUA SWAYNEI PIACENTINII Drake-Brockman

Madoqua piacentinii Drake-Brockman, Proc. Zool. Soc. London, p. 981, pl. 56, f. 1, 15 Dec. 1911. Gharabwein, near Obbia, Mijertain country, Italian Somaliland.

Madoqua swaynei piacentinii de Beaux, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat. Milano, 61: 31, Feb. 1922.

RHYNCHOTRAGUS Neumann. Long-snouted Dik-dik

Rhynchotragus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 88, 1905. Genotype *Madoqua guentheri* Thomas.

Treated as a subgenus of *Madoqua* by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 183, 1914).

RHYNCHOTRAGUS DAMARENSIS DAMARENSIS (Günther). Damaraland Dik-dik

Neotragus damarensis Günther, Proc. Zool. Soc. London, p. 20, text-f. 7–9, June 1880. Omaruru, Damaraland, Southwest Africa.

RHYNCHOTRAGUS DAMARENSIS VARIANI Drake-Brockman. Varian's Long-nosed Dik-dik

Rhynchotragus damarensis variani Drake-Brockman, Ann. Mag. Nat. Hist. (8) 12: 481, Nov. 1913. Lobito, Angola.

Cephalophus hemprichianus Jentink, Notes Leyden Mus., 9: 172, Apl. 1887 (not of Ehrenberg). Otjipompenima, Mossamedes, Angola.

RHYNCHOTRAGUS GUENTHERI GUENTHERI (Thomas). Guenther's Dik-dik

Madoqua guentheri Thomas, Proc. Zool. Soc. London, p. 324, text-f. 1, 2, Aug. 1894. Central Ogaden, British Somaliland, 3000 ft.

RHYNCHOTRAGUS GUENTHERI HODSONI Pocock

Rhynchotragus hodsoni Pocock, Ann. Mag. Nat. Hist. (9) 17: 188, Jan. 1926. Mt. Mega, southern Abyssinia (Ethiopia), 7000 ft.

RHYNCHOTRAGUS GUENTHERI SMITHII (Thomas)

Madoqua guentheri smithii Thomas, Proc. Zool. Soc. London, for 1900, p. 804, 1 Apl 1901. About 30 miles southeast of Lake Stephanie, Abyssinian border.

For Arthur Donaldson Smith.

Madoqua (Rhynchotragus) nasoguttatus Lönnberg, Arkiv f. Zool., 4: no. 3, p. 1, text-f. 1, 2, 7 June 1907. 20 km. southwest of Lake Baringo, Kenya Colony.

A synonym of *R. guentheri smithii* according to Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 96, 1924).

RHYNCHOTRAGUS GUENTHERI WROUGHTONI Drake-Brockman

Rhynchotragus guentheri wroughtoni Drake-Brockman, Ann. Mag. Nat. Hist. (8) 4: 51, July 1909. Foothills of Mt. Abu-el-Kassim, Webi River, 20 miles west of Sheikh Hussein, Gallaland, central Abyssinia (Ethiopia), 3500 ft.

RHYNCHOTRAGUS KIRKII KIRKII (Günther). Kirk's Dik-dik

Neotragus kirkii Günther, Proc. Zool. Soc. London, p. 17, text-f. 1, 2, 5, June 1880. Brava, Italian Somaliland.

RHYNCHOTRAGUS KIRKII CAVENDISHI (Thomas). Cavendish's Dik-dik

Madoqua cavendishi Thomas, Proc. Zool. Soc. London, p. 278, 1 Aug. 1898. "Lake Rudolf region", but probably the region of Lake Baringo, Kenya Colony (see Roosevelt and Heller, Life-histories of African Game Animals, 2: 632, 1914).

Madoqua langi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 153, 19 Mar. 1909. Elmenteita, Kenya Colony.

Synonyn of *Rhynchotragus cavendishi* according to Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 185, 1914).

Rhynchotragus kirkii cavendishi Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 100, 1924.

Rhynchotragus kirkii hindei (Thomas). Hinde's Dik-dik

Madoqua kirkii hindei Thomas, Ann. Mag. Nat. Hist. (7) 10: 242, Sep. 1902. Kitui, Kenya Colony, 3500 ft.

Rhynchotragus kirkii minor Lönnberg

Rhynchotragus cavendishi minor Lönnberg, Ann. Mag. Nat. Hist. (8) 9: 65, Jan. 1912. Below Chanler Falls, north of Northern Guaso Nyiro, Kenya Colony.

Rhynchotragus kirkii nyikæ Heller

Rhynchotragus kirki nyikæ Heller, Smithsonian Misc. Coll., 61: no. 7, p. 3, 31 July 1913. Ndi, near Voi, Kenya Colony.

Rhynchotragus kirkii thomasi Neumann

Rhynchotragus thomasi Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 89, 1905. Tisso (Kwa Meda), northern Ugogo, Tanganyika Territory.

Subfamily REDUNCINÆ. Reedbucks and Waterbucks

On the characters of the subfamily, see Pocock, R. I., Proc. Zool. Soc. London, for 1910, p. 911, 11 Jan. 1911.

Adenota Gray. Kobs

Adenota Gray, List Osteological Spec. Brit. Mus., pp. xv, 146, 1847; Proc. Zool. Soc. London, for 1850, p. 129, 24 Feb. 1851; Pocock, Proc. Zool. Soc. London, for 1910, p. 915, 11 Jan. 1911. Genotype *Antilope kob* Erxleben.

Regarded by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 253, 1914) as a subgenus of *Kobus*.

Hydrotragus Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 54: sect. 1, p. 596, 1866. Genotype *Adenota kul* Heuglin (see P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 6, p. 95, Aug. 1896).

Pseudokobus Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 173, 1869. Genotype *Antilope forfex* Hamilton Smith = *Adenota kob* (Erxleben).

For key, see Rothschild, W. Descriptions of some new forms of antelope, with notes. Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913.

ADENOTA KOB KOB (Erxleben). Buffon's Kob

Antilope kob Erxleben, Syst. Regni Animalis, p. 293, 1777. Upper Guinea, "ad Senegal."

A[ntilope] forfex Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 221; 5: 334, 1827. West Africa, Gambia.

A[ntilope] adenota Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 223, pl. facing p. 210, 2 figs. middle row; pl. facing p. 222; 5: 335, 1827. Senegal.

Kobus adansoni A. Smith, Illustr. Zool. South Africa, Mamm., text to pl. 29, Oct. 1840. Western Africa, the Kob.

Antilope annulipes Gray, Ann. Mag. Nat. Hist. (1) 10: 267, Dec. 1842. Western Africa, Gambia.

[*Pseudokobus forfex*] *fraseri* Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: pt. 1, p. 173, 1869. West Africa.

Adenota buffonii Fitzinger, Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 174, 1869. Senegambia, based on *Antilope kob* Erxleben.

Cobus cob Lydekker, Proc. Zool. Soc. London, p. 794, 1 Oct. 1899; emendation.

Adenota koba Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 91, 1905; emendation.

Cobus coba Lydekker, Game Animals of Africa, p. 210, 1908.

Cobus coba typicus Ward, Records of Big Game, ed. 6, p. 200, 1910.

ADENOTA KOB ADOLFI-FRIDERICI Schwarz

Adenota kob adolfi-friderici Schwarz, Ann. Mag. Nat. Hist. (8) 11: 496, May 1913. West side of mouth of Shari River, Bornu, northern Cameroons, near Lake Chad.

Kobus kob adolfi Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 259, 1914. Substitute for *Adenota kob adolfi-friderici* Schwarz, not *Kobus adolfi-friderici* Matschie, since those authors regard *Adenota* as a subgenus of *Kobus*.

ADENOTA KOB ALURÆ Heller

Adenota kob aluræ Heller, Smithsonian Misc. Coll., 61: no. 7, p. 11, 31 July 1913. Rhino Camp, Lado Enclave.

ADENOTA KOB BAHR-KEETÆ Schwarz

Adenota kob bahr-keetæ Schwarz, Ann. Mag. Nat. Hist. (8) 11: 497, May 1913. Bahr Keeta, northeast of Fort Archambault, Upper Shari district, French Equatorial Africa.

ADENOTA KOB LEUCOTIS (Lichtenstein and Peters). White-eared Kob

Antilope leucotis Lichtenstein and Peters, Ber. K. Preuss. Akad. Wiss., Berlin, for 1853, p. 164, 1854. Sobat River, Anglo-Egyptian Sudan.

Adenota kul Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 12, 1863. Plains of the Sobat, Anglo-Egyptian Sudan.

Adenota wuil Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 13, 1863. Sobat plains, Anglo-Egyptian Sudan.

Adenota nigroscapulata Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 15, 1899. Bahr-el-Gebel, between 6° and 7° N., Anglo-Egyptian Sudan.

"Immature or rufous colored individuals of the white-eared kob" (Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913).

Cobus vaughani Lydekker, The Field (London), 108: 693, 20 Oct. 1906. Wau, Bahr-el-Ghazal, Anglo-Egyptian Sudan, 28° 10′ E., 7° 30′ N.

"Immature or rufous colored individuals of the white-eared kob" (Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913).

ADENOTA KOB LODERI (Lydekker). Loder's Puku

Cobus vardoni loderi Lydekker, Proc. Zool. Soc. London, for 1899, p. 984, 1 text.-f., 1 Apl. 1900. Locality unknown.

Adenota pousarguesi Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 91, 1905. Sanaga River, southern Cameroons.

"With the present information it seems impossible to distinguish *loderi* from *pousarguesi*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 262, 1914).

ADENOTA KOB NEUMANNI W. Rothschild

Adenota kob neumanni W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Lake Albert Edward, Uganda.

"Closely related to *aluræ;* perhaps identical with it" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 111, 1924).

ADENOTA KOB NIGRICANS (Lydekker)

Cobus nigricans Lydekker, Proc. Zool. Soc. London, p. 794, pl. 53, 1 Oct. 1899. Kafari, 80 miles northwest of Freetown, between the Great and Little Scarcies Rivers, Sierra Leone.

ADENOTA KOB NOTATA W. Rothschild

Adenota kob notata W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Ahmed Aga, Bahr-el-Abiad, southern Anglo-Egyptian Sudan.

Range: Southern Sudan.

ADENOTA KOB RIPARIA Schwarz

Adenota kob riparia Schwarz, Ann. Mag. Nat. Hist. (8) 13: 39, Jan. 1914. Kpandu district, western Togo, Gold Coast.

ADENOTA KOB THOMASI (P. L. Sclater). Uganda Kob

Kobus leucotis P. L. Sclater, Proc. Zool. Soc. London, p. 103, July 1864; not of Lichtenstein and Peters.

Cobus thomasi P. L. Sclater (ex Neumann), Proc. Zool. Soc. London, for 1895, p. 869, text-f., Apl. 1896. Berkeley Bay, Lake Victoria, on boundary between Uganda and Kenya Colony.

ADENOTA KOB UBANGIENSIS Schwarz

Adenota kob ubangiensis Schwarz, Ann. Mag. Nat. Hist. (8) 11: 498, May 1913. Duma, near Libenge, Ubangi River, Congo Belge.

ADENOTA VARDONII VARDONII (Livingstone). Puku

Antilope vardonii Livingstone, Missionary Travels and Researches in South Africa, p. 256, 71 and pl. opp. 71, 1857. "Apparently the Chobi Valley", Zambesia, 30 or 40 miles above Libonta.

For Major Vardon.

Cobus vardoni typicus Selous, Great and Small Game of Africa, p. 294, 1899.

ADENOTA VARDONII SENGANUS (P. L. Sclater and Thomas)

Cobus senganus P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 7, p. 145, Jan. 1897. Senga, Upper Loangwa valley, west of northern end of Lake Nyasa, Nyasaland.

Unidentified:

Adenota mengesi Neumann, Zool. Jahrb., Syst., 13: 560, 10 Oct. 1900. Southern Somaliland; based on a horn of uncertain identity.

AMMODORCAS Thomas

Ammodorcas Thomas, Proc. Zool. Soc. London, p. 207, pls. 21, 22, 1 Aug. 1891. Genotype *Cervicapra clarkei* Thomas.

AMMODORCAS CLARKEI (Thomas). Dibatag

Cervicapra clarkei Thomas, Ann. Mag. Nat. Hist. (6) 7: 304, Mar. 1891. Buroa Wells, east-central Somaliland (fide Lydekker and Blaine).

Ammodorcas clarkei Thomas, Proc. Zool. Soc. London, p. 207, pls. 21, 22, 1 Aug. 1891.

The subfamily position of this genus is perhaps uncertain, but near *Gazella*.

Range: Restricted to Somaliland.

KOBUS A. Smith. Waterbucks

Kobus A. Smith, Illustr. Zool. South Africa, Mamm., pt. 12, pl. 28 and text, pl. 29, Oct. 1840. Genotype *Antilope ellipsiprymnus* Ogilby.

Kolus Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 159, 13 May 1843; errorim. Genotype *Kobus defassa* (Rüppell).

Cobus Buckley, Proc. Zool. Soc. London, p. 284, Aug. 1876; emendation.
Robus Zittel, Handbuch d. Palæontol., 4: mamm., pt. 2, pp. 417, 792, 1893; misprint.
Aigoceros, Antilope, Cervicapra, Heliotragus, in part, of older authors.

Kobus ellipsiprymnus ellipsiprymnus (Ogilby). Waterbuck
Antilope ellipsiprymnus Ogilby, Proc. Zool. Soc. London, p. 47, 24 May 1833. District between Lataku and the west coast, north of Orange River, Cape of Good Hope.
Range: As a species, from north of the Limpopo, South Africa, along the coastal region to the Webi Shebeli, British Somaliland. The status of most of the described races is still uncertain.

Kobus ellipsiprymnus kondensis Matschie
Kobus ellipsiprymnus kondensis Matschie, Mitth. Zool. Mus. Berlin, 5: 556, Aug. 1911. Mwaya, southwestern Kondeland, northwestern end of Lake Nyasa, Tanganyika Territory.
Kobus ellipsiprymnus lipuwa Matschie, Mitth. Zool. Mus. Berlin, 5: 560, Aug. 1911. Mwaya, southwestern Kondeland, Tanganyika Territory.
Kobus ellipsiprymnus kulu Matschie, Mitth. Zool. Mus. Berlin, 5: 561, Aug. 1911. Maliwe Lake, 42 km. west of Kilwa, Tanganyika Territory.
Probably not distinct from *K. e. kondensis* Matschie.

Kobus ellipsiprymnus kuru Heller
Kobus ellipsiprymnus kuru Heller, Smithsonian Misc. Coll., 61: no. 13, p. 6, 16 Sep. 1913. Taveta, Kilimanjaro district, Tanganyika Territory.

Kobus ellipsiprymnus pallidus Matschie. Pale Waterbuck
Kobus ellipsiprymnus pallidus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 410, 1910. Hal-be, Webi Shebeli, British Somaliland.

Kobus ellipsiprymnus thikæ Matschie
Kobus ellipsiprymnus thikæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 411, 1910. Thika River, north of Dönyo-Sabuk, Kenya district, Kenya Colony.
Kobus ellipsiprymnus canescens Lönnberg, Kungl. Svenska-Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 160, pl. 14, f. 2, 26 June 1912. Northern Guaso Nyiro region, below Chanler Falls, and near crossing of Marsabit Road.
A synonym of *K. e. thikæ* (see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 105, 1924).

Kobus defassa defassa (Rüppell). Defassa or Sing-sing Waterbuck
Antilope defassa Rüppell, Neue Wirbelth. zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 9, pl. 3, 1835. Abyssinia, about Dembea Lake and in the Kulla.

Kolus sing sing Gray, List Spec. Mamm. Brit. Mus., p. 159, 13 May 1843, in part. East Africa.

Antilope defassa var. α, *abyssinica* Wagner, Schreber's Säugthiere, Suppl., 5: 435, 1855. Abyssinia; based on account in ibid. 4: 423, 1844.

KOBUS DEFASSA ALBERTENSIS Matschie

Kobus defassa albertensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 426, 1910. Lake Albert, at west side of outlet, Uganda.

KOBUS DEFASSA ANNECTENS Schwarz

Kobus defassa annectens Schwarz, Ann. Mag. Nat. Hist. (8) 11: 494, May 1913. Badingua, upper Shari River, Anglo-Egyptian Sudan.

KOBUS DEFASSA CRAWSHAYI (P. L. Sclater). Crawshay's Waterbuck

Cobus crawshayi P. L. Sclater, Proc. Zool. Soc. London, for 1893, p. 726, text-f., Apl. 1894. North shore of Lake Mweru, northeastern Rhodesia.

KOBUS DEFASSA HARNIERI (Murie)

Antilope harnieri Murie (ex Kaup), Proc. Zool. Soc. London, p. 5, pl. 2, text-f. 1, 2, (as *Kobus sing-sing*), May 1867. White Nile.

Kobus defassa breviceps Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 424, 1910. Pembé, on the Nile between Dufilé and Matete, Lado Enclave.

Kobus defassa ladoensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 426, 1910. Matete, between Dufilé and Lado, on the Nile, Lado Enclave.

Kobus defassa griseotinctus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 427, 1910. Kerri, near Kero, north of Lado, on the Nile, Lado Enclave.

KOBUS DEFASSA HAWASHENSIS Matschie

Kobus defassa hawashensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 413, 1910. Hawash River, between Ankober and Assobot Hills, Abyssinia (Ethiopia).

KOBUS DEFASSA MATSCHIEI Neumann

Kobus unctuosus matschiei Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92, 1905. Mouth of Galana River, Lake Abaya, central Abyssinia.

KOBUS DEFASSA NZOIÆ Matschie

Kobus defassa nzoiæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 417, 1910. Eastern Guas Ngishu plateau, Kenya Colony.

A valid race, see Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 107, 1924.

Kobus defassa fulvifrons Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 418, 1910. East of Kitosh, between the Nzoia and Guaso Masa Rivers, probably near mouth of Turkwel River, western Kenya Colony.

Synonym of *K. d. nzoiæ* according to Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 107, 1924).

KOBUS DEFASSA PENRICEI (W. Rothschild). Angola or Penrice's Waterbuck

Cobus penricei W. Rothschild, Novitates Zool., 2: 52, pl. 4, f. 1, 1 Feb. 1895. Bongo, banks of the Kuvali River, 100 miles southeast of Benguela, Angola.

Kobus penricei frommi Matschie, Mitth. Zool. Mus. Berlin, 5: 563, Aug. 1911. Mkwera Lake, southern Ufipa, western Tanganyika Territory.

Kobus penricei münzneri Matschie, Mitth. Zool. Mus. Berlin, 5: 567, Aug. 1911. Mtänga, near the Mfuissi, flowing into Lake Rukwa, Tanganyika Territory.

KOBUS DEFASSA RAINEYI Heller

Kobus defassa raineyi Heller, Smithsonian Misc. Coll., 61: no. 13, p. 5, 16 Sep. 1913. Amala River, Kenya Colony.

If *Kobus adolfi-friderici* Matschie "should prove beyond doubt to be a member of the *defassa* group, then this name should unquestionably take the place of *Kobus defassa raineyi* Heller" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 108, 1924).

KOBUS DEFASSA SCHUBOTZI Schwarz

Kobus defassa schubotzi Schwarz, Ann. Mag. Nat. Hist. (8) 11: 495, May 1913. Duma, near Libenge, Ubangi River, Congo Belge.

KOBUS DEFASSA TJÄDERI (Lönnberg)

Cobus defassa tjäderi Lönnberg, Arkiv f. Zool., 4: no. 3, p. 7, text-f. 3, 7 June 1907. Northwestern part of Laikipia plateau, west of the junction of Guaso Nanek and Guaso Nyiro, (northern), Kenya Colony.

Kobus defassa powelli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 415, 1910. Laikipia escarpment, east of Lake Baringo, Kenya Colony.

Kobus defassa angusticeps Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 416, 1910. Laikipia escarpment, north of Lake Baringo, Kenya Colony, 4100 ft.

KOBUS DEFASSA TOGOENSIS Schwarz

Kobus defassa togoensis Schwarz, Ann. Mag. Nat. Hist. (8) 13: 38, Jan. 1914. Kpandu district, western Togo, Gold Coast.

KOBUS DEFASSA TSCHADENSIS Schwarz

Kobus unctuosus tschadensis Schwarz, Ann. Mag. Nat. Hist. (8) 11: 267, Feb. 1913. Mafaling, Shari River, Anglo-Egyptian Sudan.

KOBUS DEFASSA UGANDÆ Neumann. Uganda Waterbuck

Kobus unctuosus ugandæ Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 92, 1905. Maiandja (=Maanja) River, northern Uganda.

KOBUS DEFASSA UNCTUOSUS (Laurillard). Western Defassa Waterbuck

[*Antilope*] *unctuosa* Laurillard, D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 622, 1842. Senegal.

A[ntilope] koba Ogilby, Penny Cyclopædia, 2: 79, fig., 1834, not of Erxleben. Senegal.

Kolus (sic) *sing sing* Gray, List Spec. Mamm. Brit. Mus., p. 159, 13 May 1843; in part. East Africa.

Antilope defassa, var. *β*, *senegalensis* Wagner, Schreber's Säugthiere, Suppl., 5: 435, 1855; based on Gray, Ann. Mag. Nat. Hist. (2) 8: 213, Sep. 1851, as to animal of Senegal.

See F. Cuvier, Dict. d. Sci. Nat. 2: 235, *A. senegalensis*.

Cobus onctuosus Trouessart, Cat. Mamm. Viv. Foss., new ed., pt. 6, p. 929, 1898, errorim.

The status of the following named races is uncertain:

KOBUS DEFASSA ADOLFI-FRIDERICI Matschie

K[obus] adolfi-friderici Matschie, Weidwerk in Wort u. Bild, 15: 234, 1906; Sitzb. Ges. Naturf. Freunde, p. 409, 1910. Upper Orangi, south of Ikoma, Tanganyika Territory.

There is "apparently some doubt as to the specific identity" of this form since "the description is based on the head alone, and the two waterbucks, *defassa* and *ellipsiprymnus*, are, in very many cases, not surely identifiable by the characters of the skull and horns" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 108, 1924).

KOBUS DEFASSA AVELLANIFRONS Matschie

Kobus defassa avellanifrons Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 419, 1910. Lume, 3.5 hours from Beni on the road to Kasindi, west of Mt. Ruwenzori, Congo Belge.

KOBUS DEFASSA COTTONI Matschie

Kobus defassa cottoni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 420, 1910. Kasindi, near mouth of Semliki River, Lake Albert Edward, Congo Belge.

Kobus defassa dianæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 421, 1910. Sassa River about ten miles from Kasindi, east side of Lake Albert Edward, Congo Belge.

KOBUS DEFASSA UWENDENSIS Matschie

Kobus unctuosa uwendensis Matschie, Mitth. Zool. Mus. Berlin, 5: 570, Aug. 1911. Isawa, east coast of Lake Tanganyika, 7° 18′ S., 30° 35′ E., Tanganyika Territory.

KOBUS VENTERÆ (Broom)

Cobus venteræ Broom, Ann. South African Mus., 12: 15, text-f. 3, 30 May 1913. Haagenstad saltpan, about 30 miles north of Blœmfontein, Orange Free State; extinct.

Onotragus Gray. Lechwes

Onotragus Gray, Cat. Ruminant Mamm. Brit. Mus., p. 17, 1872. P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 6, p. 95, Aug. 1896 (type fixed). Genotype *Adenota lechee* Gray.

Onototragus Heller, Smithsonian Misc. Coll., 61: no. 7, p. 12, 31 July 1913; errorim.

Kobus, Cobus, Adenota, Heleotragus, in part, of authors. Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 2: 246, 1914) regard the Lechwes as forming a subgenus, *Onotragus*, of *Kobus*.

Onotragus leche leche (Gray). Lechwe

Kobus lechè Gray, Gleanings from Menagerie at Knowsley Hall, 2: 23, 1850. Zoaga River, near Lake Ngami, Bechuanaland, lat. 21° S.

Adenota lechèe Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 98, 1852. South Africa, banks of River Zouga, lat. 22° S.

Cobus leechi Buckley, Proc. Zool. Soc. London, p. 291, Aug. 1876.

Cobus lechwe W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907.

Cobus robertsi W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907. Between Lakes Mweru and Bangweolo, Northern Rhodesia.

Probably a melanistic phase of *Onotragus leche*, which occurs in the same locality.

Range: From Zambesia to northwestern Rhodesia (Barotsiland) and Nyasaland, westward to Angola (Lydekker and Blaine, 1914).

Onotragus leche smithemani (Lydekker). Black Lechwe

Cobus smithemani Lydekker, Proc. Zool. Soc. London, for 1899, p. 982, pl. 71, 1 Apl. 1900. Borders of Lake Mweru, Barotsiland, Northern Rhodesia.

Range: The immense marshes surrounding Lakes Bangweolo, Mweru, and Tumbwa, Northern Rhodesia, to Lualaba River, Congo Belge.

Onotragus leche notatus Matschie

Onotragus leche notatus Matschie, Deutsche Jaeger-Zeitung, 59: 119, 1912. Caprivi Peak, Southwest Africa.

Onotragus megaceros (Fitzinger). Nile or Mrs. Gray's Lechwe

Adenota megaceros Fitzinger (ex Heuglin MS.), Sitzb. K. Akad. Wiss., Wien, math.-nat. Cl., 17: 247, 1855. Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 30: no. 2, p. 14, pl. 2, f. 7, 8, 1863. Sobat, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

For use of this name in place of *Kobus maria* Gray, see Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 109, 1924.

Kobus maria Gray, Ann. Mag. Nat. Hist. (3) 4: 296, text-f., Oct. 1859. Awan, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Cobus mariæ Ward, Records of Big Game, ed. 1, p. 91, 1892.

Pelea Gray. Vaal Rhebok

Pelea Gray, Proc. Zool. Soc. London, for 1850, p. 126, 24 Feb. 1851. As a subgenus of *Elcotragus = Redunca;* type *Antilope capreolus* Bechstein. Not preoccupied by *Pelia* Gistel, 1848, in Diptera.

Antilope, Cemas, Redunca, Eleotragus, Cervicapra, Calotragus, in part, of older authors.

Pelea capreolus (Bechstein). Gray or Vaal Rhebok

Antilope capreolus Bechstein, Uebersicht d. Vierfüssige Thiere, 1: 98, 1799; 2: 646, 1800. Cape of Good Hope.

A[ntilope] lanata Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 445, 1822. Cape of Good Hope.

Antilope villosa Burchell, Travels in Interior of South Africa, 2: 302, footnote, 1824. Cape of Good Hope, cotypes from Zoetmilks Valley, Swellendam, and Mossel Bay.

Redunca Hamilton Smith. Reedbucks

Redunca Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 337, 1827. As a subgenus of *Antilope;* type *Antilope redunca* Pallas.

Cervicapra Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, 1816; not *Cervicapra* Sparrman, 1780. Genotype *Antilope redunca* Pallas (see Palmer, T. S., North Amer. Fauna, no. 23, p. 173, 1904).

Nagor Laurillard, in D'Orbigny's Dictionnaire Univ. d'Hist. Nat., 1: 621, 1842. As a subgenus of *Antilope;* type *Antilope redunca* Pallas.

Elcotragus Gray, List Spec. Mamm. Brit. Mus., pp. xxvi, 165, 13 May 1843. Genotype *Antilope isabellina* Afzelius = *Antilope arundinum* Boddært (see P. L. Sclater and Thomas, Book of Antelopes, 2: pt. 8, p. 155, Mar. 1897). Regarded by Lydekker and Blaine (1914) as a valid subgenus for *Redunca arundinum* and its races.

Heleotragus Kirk, Proc. Zool. Soc. London, for 1864, p. 657, May 1865, emendation.

Oreodorcas Heller, Smithsonian Misc. Coll., 60: no. 8, p. 13, 2 Nov. 1912. Genotype *Redunca fulvorufula* Afzelius.

For key to the reedbucks, see Blaine, G., Some notes on the reedbucks, with a description of two new subspecies: Ann. Mag. Nat. Hist. (8) 11: 287–291, Mar. 1913.

Redunca arundinum arundinum (Boddært). Rietbok or Reedbuck

Antilope arundinum Boddært, Elenchus Animalium, p. 141, 1785. Cape of Good Hope.

Antilope eleotragus Schreber, Säugthiere, pl. 266, and text, 1787; 5: 1225, 1836.

Antilope cærulescens Link, Beyträge z. Naturgesch., 2: 99, 1797.
Antilope arundinacea Bechstein, Uebersicht d. Vierfüssige Thiere, 2: 81, 1799.
Antilope cinerea Bechstein, Uebersicht d. Vierfüssige Thiere, 2: 643, 1800.
Antilope isabellina Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815. In mountains, Cape of Good Hope.
A[ntilope] oleotragus Desmoulins, Dictionnaire Class. d'Hist. Nat., 1: 446, 1822. "La Cafrérie" = South Africa.
Redunca isabellina multiannulata Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 169, 1869. Port Natal, Natal. Based on the *Cervicapra isabellina*, var. β of Sundevall.
Redunca isabellina caffra Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, 59: sect. 1, p. 169, 1869. Kaffirland, South Africa; based on *Cervicapra isabellina*, var. γ of Sundevall.
Redunca isabellina algoënsis Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 59: sect. 1, p. 169, 1869. Algoa Bay, South Africa; based on *Cervicapra isabellina*, var. δ, of Sundevall.
Cervicapra thomasinæ P. L. Sclater, Proc. Zool. Soc. London, p. 429, pl. 26, 1 Oct. 1900. Songwé River, 6 miles from Lake Nyasa, Nyasaland.
C[ervicapra] penricei Lydekker, The Field (London), 116: 498, 3 Sep. 1910. Accidental renaming of *Cervicapra thomasinæ* P. L. Sclater. Songwé River near its entrance into Lake Nyasa.

Range: Cape of Good Hope to Bahr-el-Ghazal, in the east, excluding northern Rhodesia and Bangweolo Flats (Lydekker and Blaine).

Redunca arundinum occidentalis (W. Rothschild)

Cervicapra arundineum occidentalis W. Rothschild, Proc. Zool. Soc. London, p. 237, 1 Aug. 1907. Near Fort Jackson, Northern Rhodesia.

Range: Northern Rhodesia to Bangweolo Flats.

Redunca redunca redunca (Pallas). Bohor Reedbuck

Antilope redunca Pallas, Spicilegia Zool., pt. 1, p. 8, 1767; pt. 12, p. 13, 1777. Gori Island, off Senegal; ex Buffon.
Antilope reversa Pallas, Miscellanea Zool., p. 5, 1776; not *Capra reversa* Linnæus. No locality; based in part on Le Nagor of Buffon.
Antilope rufa Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815. No locality.
Redunca nagor Rüppell, Mus. Senckenberg., 3: 182, 1842. Based on Buffon, vol. 12, pl. 36, 1769. "Senegal."
Cervicapra redunca typica Ward, Records of Big Game, ed. 5, p. 222, 1907.

Redunca redunca bayoni de Beaux

Redunca redunca bayoni de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, (3) 9 = 49: 226, 10 July 1921. Bussu, central north shore of Lake Victoria, Uganda.

REDUNCA REDUNCA BOHOR Rüppell. Abyssinian Bohor Reedbuck

Redunca bohor Rüppell, Mus. Senckenburg., 3: 182, 1842. Abyssinia; based on *Antilope redunca* Rüppell, not Pallas.

Cervicapra (?) *odrob* Heuglin, Reise in Nordost-Afrika, 2: 109, 1877. Setit River, Anglo-Egyptian Sudan.

REDUNCA REDUNCA COTTONI (W. Rothschild). Sudan Bohor Reedbuck

Cervicapra redunca cottoni W. Rothschild, in Powell-Cotton's Sporting Trip through Abyssinia, app. 3, mamm., p. 470, 1902. Between Bahr-el-Zerafe and Bahr-el-Jebel, Kordofan.

Capra redunca donaldsoni W. Rothschild, in Powell-Cotton's Sporting Trip through Abyssinia, app. 3, mamm., p. 471, 1902. East of Lado near Sudan-Uganda boundary, and western Somaliland.

REDUNCA REDUNCA DIANÆ Schwarz

Redunca redunca dianæ Schwarz, Revue de Zool. et Bot. Africaines, 16: 420, 1 Apl. 1929. Garamba River, northwestern Aba, Uele River, Congo Belge.

REDUNCA REDUNCA NIGERIENSIS (Blaine)

Cervicapra bohor nigeriensis Blaine, Ann. Mag. Nat. Hist. (8) 11: 290, Mar. 1913. Ibi, northern Nigeria.

REDUNCA REDUNCA TOHI Heller

Redunca redunca tohi Heller, Smithsonian Misc. Coll., 61: no. 7, p. 10, 31 July 1913. Mariakani, Kenya Colony.

REDUNCA REDUNCA UGANDÆ (Blaine)

Cervicapra bohor ugandæ Blaine, Ann. Mag. Nat. Hist. (8) 11: 291, Mar. 1913. Ankole, southwestern Uganda.

REDUNCA REDUNCA WARDI (Thomas)

Cervicapra redunca wardi Thomas, Ann. Mag. Nat. Hist. (7) 6: 304, Sep. 1900. Mau plateau, Kenya Colony.

REDUNCA FULVORUFULA FULVORUFULA (Afzelius). Mountain Reedbuck; Rooi Rhebok.

Antilope fulvorufula Afzelius, Nova Acta Reg. Soc. Sci., Upsala, 7: 250, 1815. Eastern Cape of Good Hope.

A[ntilope] lalandia Desmoulins, Dictionnaire Classique d'Hist. Nat., 1: 445, 1822. Cape of Good Hope, in the mountains.

Antilope landiana Desmarest, Encyclop. Méthodique, Mammalogie, 2: 462, 1822. Cape of Good Hope.

C[ervicapra] eleotragus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 194, 1846; not of Blainville. South Africa.

Cervicapra fulvorufula subalbina Kirby, Proc. Zool. Soc. London, for 1897, p. 897, 1 Apl. 1898. Steenkamp Mountain, 12 miles west of Kruger's Post, Lyndenburg district, Transvaal. Based on an albinistic animal.

Redunca fulvorufula chanleri (W. Rothschild). Chanler's Mountain Reedbuck

Cervicapra chanleri W. Rothschild, Novitates Zool., 2: 53, 1 Feb. 1895. Jambeni Mts., about 45 miles northeast of Mt. Kenya, Kenya Colony (originally given as Jahnbogne Range, Central East Africa).

Cervicapra fulvorufula chanleri F. J. Jackson, Great and Small Game of Africa, p. 317, 1899.

Redunca fulvorufula schoana (Neumann). Shoan Mountain Reedbuck

Cervicapra fulvorufula schoana Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, 1902. Mountains about Lake Abaya and Gandjule, Abyssinia (Ethiopia).

Redunca fulvorufula shoana Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 2: 224, 1914, characters given. Shoa.

Subfamily ÆPYCEROTINÆ

Æpyceros Sundevall. Impalla

Æpyceros Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 271, 1847. Genotype *Antilope melampus* Lichtenstein.

Æpyceras Elliot, Publ. Field Columbian Mus., zool. ser., 8: 71, 1907; emendation.

Æpyceros melampus melampus (Lichtenstein). Impalla

Antilope melampus Lichtenstein, Reise, 2: 544, pl. 4, 1812; Mag. Ges. Naturf. Freunde, Berlin, 6: 167, 1812. Klipfontein, Little Namaqualand, Cape of Good Hope.

Antilope pallah Gervais (ex Cuvier), Dictionnaire d. Sci. Nat., 1: pt. 2, p. 261, 1841. Senegal.

Æ[pyceros] m[elampus] typicus Thomas, Proc. Zool. Soc. London, for 1892, p. 553, Apl. 1893.

Æpyceros melampus johnstoni Thomas. Nyasa Impalla

Æpyceros melampus johnstoni Thomas, Proc. Zool. Soc. London, for 1892, p. 553, Apl. 1893. Zomba, Nyasaland.

Æpiceros melampus holubi Lorenz, Ann. K. K. Naturhist. Hofmus. Wien, 9: Notizen, p. 62, 1894. North of the Zambesi.

Regarded as inseparable from typical *melampus* by Lönnberg (Revue Zool. Africaine, 3: 278, 20 Jan. 1914); and by Matschie as a synonym of *Æ. m. suara* Matschie.

ÆPYCEROS MELAMPUS KATANGÆ Lönnberg

Æpyceros melampus katangæ Lönnberg, Revue Zool. Africaine, 3: 276, 20 Jan. 1914. Katanga, Congo Belge.

ÆPYCEROS MELAMPUS PETERSI Bocage. Angola Impalla

Æpyceros petersi Bocage, Proc. Zool. Soc. London, for 1878, p. 741, Apl. 1879. Capangombe and Humbe, Angola.

ÆPYCEROS MELAMPUS RENDILIS Lönnberg. Kenya Impalla

Æpyceros melampus rendilis Lönnberg, Kungl. Svenska Vet.-Akad. Handl., Stockholm, (2) 48: no. 5, p. 164, pl. 14, f. 3, 4, 26 June 1912. Thornbush country north of Northern Guaso Nyiro, Kenya Colony.

ÆPYCEROS MELAMPUS SUARA (Matschie)

Strepsiceros suara Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 135, 1892. Gonda and Ugalla River, Tanganyika Territory.

Based on the horns of a Lesser Kudu and the skin of an Impalla, according to Lydekker and Blaine; the skin should be regarded as the lectotype.

Subfamily ANTILOPINÆ

ANTIDORCAS Sundevall. Springboks

Antidorcas Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 271, 1847. Genotype *Antilope euchore* Forster = *Antilope marsupialis* Zimmermann.

Antilope, *Capra*, *Cemas*, *Cerophorus*, *Gazella*, in part, of older authors.

ANTIDORCAS MARSUPIALIS MARSUPIALIS (Zimmermann). Springbok

Antilope marsupialis Zimmermann, Geogr. Geschichte, 2: 427, 1780. Cape of Good Hope; "probably southern Cape Colony" (Lydekker and Blaine, Cat. Ruminant Mamm. Brit. Mus., 3: 111, 1914).

Antilope saccata Boddært, Elenchus Anim., p. 142, 1785. Cape of Good Hope.

Antilope euchore J. R. Forster, in Levaillant, Erste Reise Afrika, p. 159, 1792. South Africa.

Antilope saltans Kerr, Linnæus's Animal Kingd., p. 312, 1792. Cape of Good Hope.

Capra pygargus Thunberg, Voyages âu Japon, par le Cap de Bonne-Espérance, 2: 28, footnote, 1796. Cape of Good Hope.

Antilope saltatrix Link, Beyträge z. Naturgesch., p. 99, 1797, not of Boddært.

Antilope dorsata Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique d. Mamm., p. 33, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 185, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

Antilope saliens Desmarest, Dictionnaire d'Hist. Nat., ed. 1: 24, Tabl. Méthodique d. Mamm., p. 33, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 185, 1816. Cape of Good Hope. (The name is credited by Desmarest to Lacépède.)

Antidorcas marsupialis angolensis Blaine. Angolan Springbok

Antidorcas angolensis Blaine, Proc. Zool. Soc. London, p. 335, pl. 7, f. A; pl. 8, f. A, 28 June 1922. Coastal belt between Benguela and Mossamedes, Angola.

Antidorcas marsupialis centralis Lydekker and Blaine

Antidorcas marsupialis centralis Lydekker and Blaine, Cat. Ruminant Mamm. Brit. Mus., 3: 111, 112, text-f. 21, 1914 (after June). Deelfontein, Cape of Good Hope.

Antidorcas marsupialis hofmeyri Thomas

Antidorcas angolensis hofmeyri Thomas, Proc. Zool. Soc. London, p. 311, 29 Apl. 1926. Berseba, Namaqualand, Southwest Africa.

Gazella Blainville. Gazelles

Gazella Blainville, Bull. des Sci. Soc. Philomathique, Paris, p. 75, May 1816. Genotype *Capra dorcas* Linnæus.

See Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 114, 1924; also on the use of the name *Gazella* Blainville, see Opinion 108 rendered by the International Commission of Zoological Nomenclature (Smithsonian Misc. Coll., 73: no. 6, p. 15, 8 June 1929).

Dorcas Gray, London Med. Repository, 15: 307, 1 Apl. 1821. Genotype *Capra dorcas* Linnæus.

Leptoceros Wagner, Schreber's Säugthiere, Suppl., 4: 422, 1844. As a subgenus of *Antilope;* type *Antilope leptoceros* F. Cuvier. Preoccupied by *Leptoceros* Leach, 1817, in Neuroptera.

Eudorcas Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, Feb. 1869. Genotype *Gazella lævipes* Sundevall, var. *a*.

Korin Gray, Cat. Ruminant Mamm. Brit. Mus., p. 39, 1872. As a subgenus of *Gazella;* type *Gazella rufifrons* Gray.

Nanger Lataste, Actes Soc. Linn. Bordeaux, (4) 9=39: 183, 1885. Genotype *Antilope* (*Dama*) *mhorr* Bennett.

Matschiea Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 57, 1 text-f., Jan. 1907. Genotype *Gazella granti* Brooke.

Note: *Gazella hayi* Lydekker, Abstract Proc. Zool. Soc. London, no. 98, p. 38, 20 June 1911; Proc. Zool. Soc. London, p. 958, text-f. 193, A, 15 Dec. 1911, is a synonym of *G. fuscifrons* of eastern Persia, the supposed locality, Algeria, having been given through an accidental transposition of labels (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 49, 1914).

Subgenus Gazella Blainville

Gazella cuvieri (Ogilby). Edmi or Atlas Gazelle

Gazella corinna Cuvier, Ménagérie du Mus. d'Hist. Nat., Paris, p. 142, 1817; Loche, Cat. Mamm. et Oiseaux observ. en Algérie, p. 14, 1858; not of Pallas. "Le sud de l'Algérie."

[*Antilope*] *cuvieri* Ogilby, Proc. Zool. Soc. London, for 1840, p. 35, Jan. 1841. Mogador, Morocco.

Gazella vera Gray, Gleanings from Menagerie at Knowsley Hall, 2: pl. 3, 1850.

[*Gazella*] *cineraceus* Temminck, Esquisses Zool. sur la Côte de Guiné, p. 193, 1853. Based on the "Kevel gris" of F. Cuvier, Hist. Nat. des Mamm., 3: pt. 57, 1827. No locality.

Gazella kevella Tristram, The Great Sahara, p. 387, 1860.

Dorcas subkevella Pomel, Carte Géol. Algérie, Paléontol., Antilopes, 1895.

Dorcas setifensis Pomel, Carte Géol. Algérie, Paléontol., Antilopes, 1895.

Range: Mountainous districts of Morocco, Algeria and Tunisia.

Gazella dorcas dorcas (Linnæus). Dorcas Gazelle

Capra dorcas Linnæus, Syst. Nat., ed. 10, 1: 69, 1758. Lower Egypt (see Blaine, G., Ann. Mag. Nat. Hist. (8) 11: 292, Mar. 1913).

Antilope corinna Pallas, Miscellanea Zool., p. 7, 1766. Based on La Corine of Buffon, Hist. Nat., 12: 261, pl. 27, pl. 31, f. 3, 4, 1764.

Antilope kevella Pallas, Miscellanea Zool., p. 7, 1766. Africa implied; based on Le Kevel of Buffon, Hist. Nat., 12: 258, pl. 26, 1764.

C[*emas*] *maculata* Oken, Lehrbuch d. Naturgesch., 3: zool., sect. 2, p. 738, 1816. Senegal.

Gazella dorcas sundevalli Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, 1869. North Africa. Based on *Gazella dorcas*, var. γ, Sundevall.

Range: Rio de Oro to Egypt and the Anglo-Egyptian Sudan.

Gazella dorcas beccarii de Beaux

G[*azella*] *isabella beccarii* de Beaux, Ann. Mus. Civ. Stor. Nat., Genova, 55: 210, 12 Oct. 1931. Barka, Dancalia, Ethiopia.

Gazella dorcas isabella Gray. Isabelline Gazelle

Gazella isabella Gray, Ann. Mag. Nat. Hist. (1) 18: 214, 231, Sep. 1846. Type locality fixed as Abyssinia (see Blaine, G., Ann. Mag. Nat. Hist. (8) 11: 292, Mar. 1913).

Antilope dorcas, α *isidis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 267, 1847. Sennaar, Nubia, Egypt.

Gazella isabellina Lydekker, Horns and Hoofs, p. 232, 1893.

Gazella dorcas littoralis Blaine. Eritrean Gazelle

Gazella littoralis Blaine, Ann. Mag. Nat. Hist. (8) 11: 295, Mar. 1913. Khorasot, Nubian Desert, Egypt.

On the subspecific status of this gazelle, see Cabrera, A., Journ. Mamm., 9: 242, footnote, 9 Aug. 1928.

Gazella dorcas massæsyla Cabrera

Gazella dorcas massæsyla Cabrera, Journ. Mammalogy, 9: 242, 9 Aug. 1928. High plateaus of the Rif, Morocco, south of Spanish-French frontier.

G[azella] dorcas cabrerai Joleaud, Bull. Soc. Zool. de France, Paris, 54: 440, 9 Nov. 1929. Proposed as a substitute for *Gazella dorcas massæsyla* Cabrera in the belief that this is preoccupied by *Gazella massæsilia* Pomel, Carte Géol. de l'Algérie, Les Antelopes, p. 21, 1894; but under the International code, art. 36 and opinion 25, this is not the case.

Gazella dorcas neglecta Lavauden

Gazella dorcas neglecta Lavauden, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, Algiers, 17: 16, text-f. 1 (map), 2, no. 1 (horns), 15, Jan. 1926. Plateau de Tadmeit, central Sahara, Algeria.

Lavauden distinguishes two types of horns, *crassicornis et gracilicornis*, occurring in the same herds (ibid., p. 18).

Gazella dorcas osiris Blaine

Gazella littoralis osiris Blaine, Ann. Mag. Nat. Hist. (8) 11: 295, Mar. 1913. Nakheila, near junction of Atbara with the Nile, Upper Egypt.

Possibly this and the preceding are races of *G. dorcas*.

Gazella leptoceros leptoceros (F. Cuvier). Rhim

Antilope leptoceros F. Cuvier, in E. Geoffroy & F. Cuvier, Hist. Nat. des Mamm., 4: pt. 72, pls. 424, 425, Aug. 1842. "Typical locality apparently Sennar," Anglo-Egyptian Sudan (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 68, 1914).

Leptoceros abu harab Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 160, 1869. Based on *Gazella abuharab* Heuglin, 1861, pl. 1; Libyan desert.

Leptoceros cuvieri Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 160, 1869. Based on *Antilope leptoceros* F. Cuvier.

Gazella leptoceros typica P. L. Sclater and Thomas, Book of Antelopes, 3: 149, June 1898.

Gazella leptoceros loderi Thomas. Loder's or White Gazelle

Gazella loderi Thomas, Ann. Mag. Nat. Hist. (6) 13: 452, May 1894; Proc. Zool. Soc. London, p. 470, text-f. 2, pl. 32, Oct. 1894. Sand dunes of Oued Souf, 100 miles south of Biskra, Algeria.

Gazella leptoceros loderi Lavauden, Bull. Soc. d'Hist. Nat. de l'Afrique du Nord, Algiers, 17: 20, 15 Jan. 1926.

GAZELLA PELZELNII Kohl. Pelzeln's Gazelle

Gazella pelzelnii Kohl, Sitzb. K. K. Zool.-Bot. Ges., Wien, 36: 4, Jan. 1886; Ann. K. K. Naturhist. Hofmus. Wien, 1: 70, pl. 3, left-hand f.; pl. 4, f. 1, 1886. Maritime plains of Berbera, northern Somaliland.

GAZELLA RUFIFRONS RUFIFRONS Gray. Korin or Red-fronted Gazelle

Gazella rufifrons Gray, Ann. Mag. Nat. Hist. (1) 18: 214, Sep. 1846. Senegal.

Eudorcas lævipes senegalensis Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 59: sect. 1, p. 159, 1869. Based on *Gazella lævipes*, var. β of Sundevall.

Gazella rufifrons typica Ward, Records of Big Game, ed. 6, p. 262, 1910.

GAZELLA RUFIFRONS CENTRALIS Schwarz

Gazella rufifrons centralis Schwarz, Ann. Mag. Nat. Hist. (8) 13: 40, Jan. 1914. Magretta, near Melfi, Bagirmi, French Equatorial Africa.

GAZELLA RUFIFRONS HASLERI Pocock. Hasler's Red-fronted Gazelle

Gazella rufifrons hasleri Pocock, Abstract Proc. Zool. Soc. London, no. 100, p. 47, 31 Oct. 1912; Proc. Zool. Soc. London, p. 5, text-f. 2, 3, 13 Mar. 1912. Kano, northern Nigeria.

GAZELLA RUFIFRONS KANURI Schwarz

Gazella rufifrons kanuri Schwarz, Ann. Mag. Nat. Hist. (8) 13: 40, Jan. 1914. Gulfei, lower Shari, northern Cameroons.

GAZELLA RUFIFRONS LÆVIPES (Sundevall). Eastern Red-fronted Gazelle

A[ntilope] lævipes Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Sennaar; Senegal.

Gazella salmi Lorenz, Sitzb. K. Akad. Wiss. Wien, math.-nat.Kl., 115: sect. 1, pt. 1, p. 21, Jan. 1906. Fashoda, Anglo-Egyptian Sudan.

Gazella rufifrons lævipes Lönnberg, Novitates Zool., 21: 156, 25 Feb. 1914.

GAZELLA RUFINA Thomas. Red Gazelle

Gazella rufina Thomas, Proc. Zool. Soc. London, p. 467, text-f. 1, Oct. 1894. "Probably the interior of Algeria;" type bought at Algiers. Not a race of *Gazella rufifrons*, but a distinct species, according to Heim de Balsac.

Range: formerly in the mountainous districts of the Algerian Sahara; now believed to be extinct, though a few herds may still exist in the valley of the lower Chelif. (See Heim de Balsac, H., Suppl. au Bull. Biologique de France et de Belgique, 21: 88, 1936.)

GAZELLA SPEKEI Blyth. Speke's Gazelle

Gazella spekei Blyth, Cat. Mamm. Mus. Asiatic Soc., Calcutta, p. 172, 1863; based on heads presented by Capt. Speke in 1855, described in Journ. Asiatic Soc. Bengal, (2) 24: 297, 1855. (Interior plateau of) Somaliland.

GAZELLA THOMSONII THOMSONII Günther. Thomson's Gazelle

Gazella thomsonii Günther, Ann. Mag. Nat. Hist. (5) 14: 427, text-f., Dec. 1884. Kilimanjaro district, Kenya Colony.

Eudorcas bergeri Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 116, Mar. 1910. Near Nairobi, Kenya Colony.

Eudorcas wembærensis Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 119, Mar. 1910. Wembere plains, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

Eudorcas thomsoni macrocephala Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 68, Apl. 1914. Wembere Valley, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

Eudorcas thomsoni marwitzi Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 71, Apl. 1914. Northern Wembere plains, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

Eudorcas thomsoni thomsoni var. *arushæ* Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 77, pl. 1, f. 4; pl. 2, f. 4; pl. 3, f. 4, Apl. 1914. South of Mt. Meru, Arusha, Tanganyika Territory.

Eudorcas schillingsi Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 113, Mar. 1910. Between Natron Lake and Kilimanjaro, Tanganyika Territory.

Eu[dorcas] sabakiensis Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 115, Mar. 1910. Eastern Ndjiri swamp, near Mt. Kilimanjaro, Tanganyika Territory.

Eudorcas ndjiriensis Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 115, Mar. 1910. Western Ndjiri swamp, near Mt. Kilimanjaro, Tanganyika Territory.

Eudorcas manyaræ Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 120, Mar. 1910. Hohenlohe Lake, south of Lake Eyasi, Tanganyika Territory.

Doubtless a synonym of *Gazella t. thomsonii*.

Eudorcas thomsoni bergerinæ Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 80, pl. 1, f. 5; pl. 2, f. 5; pl. 3, f. 5, Apl. 1914. South of Mt. Meru, Tanganyika Territory.

GAZELLA THOMSONII ALBONOTATUS W. Rothschild. Mongalla Gazelle

Gazella albonotata W. Rothschild, Novitates Zool., 10: 480, pl. 15, f. 2–4, 20 Dec. 1903. East side of White Nile, 40 miles north of Kero or Kiri, Mongalla Province, Anglo-Egyptian Sudan.

"Possibly this gazelle may be a northern race of *G. thomsoni*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 83, 1914).

GAZELLA THOMSONII NASALIS Lönnberg

Gazella thomsoni nasalis Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro unter Leitung v. Sjöstedt, no. 2, Mamm., p. 46, 1908. Northern Kenya Colony.

Based on "the northern variety" as figured in P. L. Sclater and Thomas's Book of Antelopes, 2: no. 11, pl. 68, June 1898.

Eudorcas baringoensis Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 109, Mar. 1910. Solei Lake, near Lake Baringo, Kenya Colony.

Eudorcas nakuroensis Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 110, Mar. 1910. Lake Nakuro, Kenya Colony.

Eudorcas thomsoni dongilanensis Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 74, 1914. Dongilani plains, Southern Guaso Nyiro, Kenya Colony.

GAZELLA THOMSONII RUWANÆ (Knottnerus-Meyer)

Eudorcas ruwanæ Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 121, Mar. 1910. Ruwana steppe, east of Lake Victoria, Tanganyika Territory.

Eudorcas biedermanni Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, Mar. 1910. Schirati, east shore of Lake Victoria, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 118, 1924).

Eudorcas langheldi Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 111, Mar. 1910. Usukuma, south of Lake Victoria, Tanganyika Territory.

Doubtless a synonym of *G. t. ruwanæ*.

Eudorcas mundorosica Knottnerus-Meyer, Sitzb. Ges. Naturf. Freunde, Berlin, p. 117, Mar. 1910. Mundorosi plains, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister).

Eudorcas thomsoni behni Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 61, pl. 1, f. 1; pl. 2, f. 3; pl. 3, f. 3, Apl. 1914. South of Ikoma, Tanganyika Territory.

Eudorcas thomsoni dieseneri Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 63, pl. 1, f. 2; pl. 2, f. 2; pl. 3, f. 1, 2, Apl. 1914. Moamara, left side of the middle Moame, south of Nera, Tanganyika Territory.

Eudorcas thomsoni seringetica Zukowsky, Arch. f. Naturgesch., 80: sect. A, pt. 1, p. 93, Apl. 1914. Seringeti plains, Tanganyika Territory.

"Doubtless synonymous with *ruwanæ*" (Hollister).

Gazella thomsonii ruwanæ Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 118, 1924. A valid race.

See Zukowsky, L., Arch. f. Naturgesch., 80: sect. A, pt. 1, pl. 1, f. 3; pl. 2, f.1, Apl. 1914, for figures of type skull.

GAZELLA TILONURA (Heuglin). Heuglin's Gazelle

Antilope melanura Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 6, 1863. Plains near Ain-Saba, Bogosland, Abyssinia. Not *Antilope melanura* Bechstein.

Antilope tilonura Heuglin, Reise in das Gebiet d. Weissen Nil, p. 315, 1869; Reise in Nordost-Afrika, 2: 101, 1877. Anseba region, Bogosland, Abyssinia.

New name for *Antilope melanura* Heuglin (not of Beehstein).

Subgenus Nanger Lataste

Nanger Lataste, Actes Soc. Linn. Bordeaux, (4) 9=39: 297, 1885. Type *Antilope* (*Dama*) *mhorr* Bennett.

Matschiea Knottnerus-Meyer, Arch. f. Naturgesch., 73: sect. A, pt. 1, p. 57, text-f., Jan. 1907. Type *Gazella granti* Brooke.

Gazella dama dama (Pallas). The Nanger; Dama, Mhorr, or Addra Gazelle

Antilope dama Pallas, Miscellanea Zool., p. 5, 1766. Africa. Probably the vicinity of Lake Chad (Neumann).

Antilope nanguer Bennett, Proc. Zool. Soc. London, p. 2, 17 May 1833; Trans. Zool. Soc. London, 1: 7, 14 Aug. 1833. Senegal.

A[*ntilope*] *dama* var. *occidentalis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Senegal; Morocco.

Gazella dama typica Bryden, Great and Small Game of Africa, p. 367, 1899.

Gazella dama damergouensis W. Rothschild

Gazella dama damergouensis W. Rothschild, Novitates Zool., 28: 76, 14 May 1921. Takoukout, Damergou, French West Africa.

Gazella dama weidholzi Zimara, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Cl., 144: sect. 1, no. 1–2, p. 16, 1935. Hombori, French West Africa.

Gazella dama lozanoi Morales Agacino

Gazella dama lozanoi Morales Agacino, Bol. Soc. Española Hist. Nat., Madrid, 34: 454, pl. 35, f. 1; pl. 36, f. *c*, Dec. 1934. Cape Juby, Rio de Oro.

See key to races, p. 455, and pattern diagrams, pl. 36, of above article.

Gazella dama mhorr (Bennett). The Mhorr

Antilope mhorr Bennett, Proc. Zool. Soc. London, p. 1, 17 May 1833; Trans. Zool. Soc. London, 1: 7, pl. 1, 14 Aug. 1833. Wednun, near Tafilat, Mogador, southern Morocco.

Antilope mhoks Lesson, Hist. Nat. Mamm. et Oiseaux descr. depuis Buffon, 10: 288, 1836. Mogador.

A[*ntilope*] *doria* Ogilby, Proc. Zool. Soc. London, for 1836, p. 121, 20 Feb. 1837. No description, but Ogilby says "the beautiful species mentioned by Mr. Bennett (Proc. Zool. Soc. [London], 1833, p. 1) which . . . I hope shortly to have an opportunity of describing in detail under the name of *A*[*ntilope*] *doria*." The description referred to is that of the Mhorr, although he perhaps meant to have referred to the Cross-striped Duiker, *Cephalophus zebra* Gray.

Gazella mohr Gray, Ann. Mag. Nat. Hist. (1) 18: 231, Oct. 1846; emendation.
Range: Restricted to southwestern Morocco.

GAZELLA DAMA PERMISTA Neumann. Senegambian Mhorr

Gazella dama permista Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 239, 1906. Senegal.

G[azella] mhorr reducta K. Heller, Sitzb. Naturwiss. Ges. Isis, Dresden, for 1906, p. 15, 1907. Locality unknown.

"May be inseparable from" *Gazella dama permista* Neumann (see Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 106, 1914), but regarded as applying to the animal of the right bank of the Niger by Zimara (Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 144: sect. 1, no. 1–2, p. 9, 17, 18 (key), 1935.

GAZELLA DAMA RUFICOLLIS (Hamilton Smith). Addra or Kordofan Gazelle

A[ntilope] ruficollis Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 205, 1827. "Nubia," i.e., Dongola district, eastern Anglo-Egyptian Sudan.

Antilope addra Bennett, Proc. Zool. Soc. London, p. 2, 17 May 1833; Trans. Zool. Soc. London, 1: 7, 14 Aug. 1833. Nubia and Kordofan.

A[ntilope] dama var. *orientalis* Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 266, 1847. Sennaar, Egypt.

GAZELLA GRANTI GRANTI Brooke. Grant's Gazelle

Gazella granti Brooke, Proc. Zool. Soc. London, p. 602, pl. 41, ?Nov. 1872. Western Kinyenye, Ugogo, Tanganyika Territory.

Gazella granti typica A. H. Neumann, Great and Small Game of Africa, p. 355, 1899.

Range: Supposed to be confined to the Ugogo district.

Key to the races of *Gazella granti:* Heller, E., Smithsonian Misc. Coll., 61: no. 7, p. 7, 31 July 1913.

GAZELLA GRANTI BRIGHTI Thomas. Bright's Gazelle

Gazella granti brighti Thomas, Proc. Zool. Soc. London, for 1900, p. 805, 1 Apl. 1901. Anglo-Egyptian Sudan, 150 miles east of Lado, 5° 20′ N., 34° 5′ E.

G[azella] g[ranti] smithi Thomas, Proc. Zool. Soc. London, for 1900, p. 806, 1 Apl. 1901; *lapsus calami* for *brighti*, see Thomas, O., Proc. Zool. Soc. London, p. 120, footnote, 1 Oct. 1903.

GAZELLA GRANTI LACUUM Neumann

Gazella grantii lacuum Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 243, 1906. Suksuk River, south of Lake Zwai, southern Abyssinia.

GAZELLA GRANTI NOTATA Thomas

Gazella grantii notata Thomas, Ann. Mag. Nat. Hist. (6) 20: 479, Nov. 1897. West slope of Lorogi Mts., Kenya Colony.

GAZELLA GRANTI PETERSII Günther. Peters's Gazelle

Gazella petersii Günther, Ann. Mag. Nat. Hist. (5) 14: 428, Dec. 1884; based on description of *Gazella granti* Peters, not Brooke, Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 832, pl. 5, 1879. Gelidja near mouth of Osi and Tana Rivers, Kenya Colony.

Gazella granti var. *gelidjiensis* Noack, Zool. Garten, 28: 277, Sep. 1887. Wapokomo country, Gelidja, south of the mouth of the Tana River, Kenya Colony.

GAZELLA GRANTI RAINEYI Heller

Gazella granti raineyi Heller, Smithsonian Misc. Coll., 61: no. 7, p. 6, 31 July 1913. Isiola River, Northern Guaso Nyiro, Kenya Colony.

GAZELLA GRANTI ROBERTSI Thomas. Roberts's Gazelle

Gazella granti robertsi Thomas, Proc. Zool. Soc. London, 2: 119, text-f. 10, 11, 1 Oct. 1903. Near Mwanza, Speke Gulf, Lake Victoria, Tanganyika Territory.

GAZELLA GRANTI ROOSEVELTI Heller. Roosevelt's Gazelle

Gazella granti roosevelti Heller, Smithsonian Misc. Coll., 61: no. 7, p. 4, 31 July 1913. Kitanga Farm, Athi plains, Kenya Colony.

GAZELLA GRANTI SERENGETÆ Heller

Gazella granti serengetæ Heller, Smithsonian Misc. Coll., 61: no. 7, p. 5, 31 July 1913. Taveta, Kenya Colony.

GAZELLA SOEMMERRINGII SOEMMERRINGII (Cretzschmar). Aoul or Sömmerring's Gazelle

Antilope soemmerringii Cretzschmar, Atlas zu Rüppell's Reise im Nordl. Afrika, Zool., Säugeth., p. 49, pl. 19, 1826. Eastern borders of Abyssinia (Ethiopia).

Gazella soemmerringi typica P. L. Sclater and Thomas, Book of Antelopes, 3: pt. 12, p. 197, text-f. 81, Oct. 1898.

GAZELLA SOEMMERRINGII BERBERANA (Matschie). Somali Aoul

Antilope soemmeringi (sic) *berberana* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 65, 1893. Berbera district, Somaliland.

GAZELLA SOEMMERRINGII BUTTERI Thomas. Borani Gazelle

Gazella s[*oemmerringii*] *butteri* Thomas, Abstract Proc. Zool. Soc. London, no. 1, p. 1, 20 Jan. 1904; Proc. Zool. Soc. London, 1: 4, text-f. 2, 9 June 1904. South of Daua River, Boran country, about 5° N., southern Abyssinia (Ethiopia).

For A. E. Butter

GAZELLA SOEMMERRINGII CASANOVÆ Matschie

Gazella (*Nanger*) *soemmerringii casanovæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 265, 1912. Northern Abyssinia, probably the Anseba Basin, Bogos country.

GAZELLA SOEMMERRINGII ERLANGERI Matschie

Gazella (*Nanger*) *soemmerringii erlangeri* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 263, 1912. Hawash Valley, between Dadadschamalka and Filoa, 7 days east of Addis Ababa, Abyssinia.

GAZELLA SOEMMERRINGII SIBYLLÆ Matschie

Gazella (*Nanger*) *soemmerringii sibyllæ* Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 261, 1912. Singa, Sennar, near Blue Nile, Anglo-Egyptian Sudan.

LITOCRANIUS Kohl. Gerenuks

Litocranius Kohl, Ann. K. K. Naturhist. Hofmus., Wien, 1: 79, 1886. Genotype *Gazella walleri* Brooke.

Lithocranius Thomas, Proc. Zool. Soc. London, p. 207, 1 Aug. 1891; emendation.

LITOCRANIUS WALLERI WALLERI (Brooke). Gerenuk or Waller's Gazelle

Gazella walleri Brooke, Proc. Zool. Soc. London, for 1878, p. 929, pl. 56, Apl. 1879. Tana River valley, Kenya Colony, about lat. 3° S., long. 38° E.

Range: Jubaland to Kageri Valley, Uganda, south to the Kilimanjaro district.

LITOCRANIUS WALLERI SCLATERI Neumann. Somali Gerenuk

Lithocranius sclateri Neumann, Sitzb. Ges. Naturf. Freunde, p. 19, 1899. Berbera, British Somaliland.

Subfamily ORYGINÆ

ADDAX Rafinesque

Addax Rafinesque, Analyse de la Nature, p. 56, 1815. Genotype not named, "but evidently the *Addax* of the ancients" (Palmer, T. S., North Amer. Fauna, no. 23, p. 78, 23 Jan. 1904).

ADDAX NASOMACULATUS NASOMACULATUS (Blainville). Addax

Cerophorus (*Gazella*) or *A*[*ntilope*] *nasomaculata* Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, 1816. Probably Senegambia.

Antilope suturosa Otto, Nova Acta Acad. Cæs. Leop.-Carol., Dresden and Halle, (2) 12: 519, pl. 48, 1825. No locality; brought by travelers from Alexandria to Venice.

A[ntilope] mytilopes Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 204; 5: 330, 1827. "Guinea, or . . . West Africa."

Antilope gibbosa Savi, Mem. Sci. di Paolo Savi, Pisa, 1: 17, pl. [1], 1828. No locality.

ADDAX NASOMACULATUS ADDAX (Cretzschmar). Eastern Addax

Antilope addax Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 19, pl. 7, 1826. Desert south of Ambukol to the Haraza Oasis, Dongola.

Name revived by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 3: 150, 1914) on the assumption that "the addax of the Eastern Sudan may be regarded as racially distinct from the typical addax of northwestern Africa, even if its distinctive features are not fully known."

ÆGORYX Pocock. White Oryx

Ægoryx Pocock, Ann. Mag. Nat. Hist. (9) 2: 221, Sep. 1918. Genotype *Cemas algazel* Oken.

ÆGORYX ALGAZEL ALGAZEL (Oken). Scimitar Oryx

C[emas] algazel Oken, Lehrbuch d. Naturgesch., 3: pt. 2, p. 741, 1816, in part, based on Buffon, Hist. Nat., 12: 211, pl. 33, f. 1, 2, 1764. Upper Egypt, Aleppo, Libya, Ethiopia and Indian localities.

A[ntilope] tao Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 189; 5: 327, 1827. "Some days journey's distance from the Bahar el Abiad," Anglo-Egyptian Sudan.

Cabrera (Trab. del Mus. Nac. de Cien. Nat., Madrid, zool. ser., no. 57, p. 355, 30 Dec. 1932) regards Oken's names in the Lehrbuch d. Naturgeschichte, 1816, as unavailable, and adopts the combination *Oryx tao* for this animal.

A[ntilope] ensicornis Hemprich and Ehrenberg, Symbolæ Physicæ, Mamm., dec. 1, folio i, Aug. 1832 (nomen nudum). Dongola.

Antilope algazella Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 26, 1835. Plains of Nubia to Fayûm, Egypt.

Oryx leucoryx Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1842, p. 201, 1843, and of other authors in part, but not *Antilope leucoryx* Pallas, 1777, the Arabian White Oryx.

Antilope ensicornis var. *β nubica* Wagner, Schreber's Säugthiere, Suppl., 5: 437, 1855; based on his *Antilope ensicornis*, *ibid.*, 4: 479, 1844. Nubia; i.e. Kordofan and Sennaar to Fayûm, Egypt.

Antilope ensicornis var. *γ senegalensis* Wagner, Schreber's Säugthiere, Suppl., 5: 437, 1855. Senegal.

Based on Wagner's description of *Antilope gazella* Pallas, Schreber's Säugthiere, Suppl., 4: 481, pl. 257A, 1844.

Oryx algazel Thomas, Proc. Zool. Soc. London, 2:300, 6 Aug. 1903; with nomenclatural notes.

Range: Desert regions of northern Africa, from Senegambia eastward to ?northern Sudan.

ÆGORYX ALGAZEL DAMMAH (Cretzschmar). Eastern Scimitar Oryx

Antilope dammah Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. "Probably Kordofan," Haraza, eastern Anglo-Egyptian Sudan; "no evidence appears to be forthcoming to show whether this" is really distinct from the typical form (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 129, 1914). Maj. S. S. Flower "can find no differences between the so-called eastern and western subspecies" (Proc. Zool. Soc. London, p. 440, 8 July 1932).

Oryx algazel dammah Thomas, Proc. Zool. Soc. London, 1: 300, 6 Aug. 1903.

HIPPOTRAGUS Sundevall

Egocerus Desmarest, Encyclop. Méthodique, Mammalogie, 2: 475, 1822. As a subgenus of *Antilope;* type *Antilope leucophæa* Pallas (see P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, p. 3, Feb. 1899).

Ægocera Berthold, Latreille's Natür. Fam. des Thierreichs, p. 61, 1827; emendation.

Aigocerus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 161; 5: 324, 1827. As a subgenus of *Antilope;* no type designated.

Œgocerus Lesson, Nouv. Tableau Règne Animal, Mamm., p. 179, 1842; emendation. No type designated.

Ozanna Reichenbach, Vollständigste Naturgesch. d. In- und Auslandes, Säugeth., 3: 126, pl. 39–40, 1845. As a subgenus of *Antilope*, including five species; type *Antilope nigra* Harris (see P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, p. 3, Feb. 1899).

Hippotragus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846. Genotype *Antilope leucophæa* Pallas.

Ægoceros Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846; emendation. Not *Ægoceros* Pallas, 1811, for wild sheep and ibex, but this name does not invalidate *Egocerus.*

Ægocœrus Gervais, Zool. et Paléontol. Franç., ed. 2, p. 78, 1859; emendation.

Antilope, Capra, Cemas, Cerophorus, in part, of older authors.

Under suspension of rules, *Hippotragus* becomes the proper generic name instead of *Egocerus;* see Opinion 109, Internation. Comm. on Nomenclature, Smithsonian Misc. Coll., 73: no. 6, p. 16, 8 June 1929.

HIPPOTRAGUS EQUINUS EQUINUS (Desmarest). Roan Antelope

Antilope equina Desmarest, Dictionnaire d'Hist. Nat., ed. 1, 24: Tabl. Méthodique, p. 32, 1804; Nouv. Dictionnaire d'Hist. Nat., 2: 204, 1816. Locality unknown.

Capra æthiopica Schinz, Cuvier's Thierreich, 1: 402, 1821. "In den hohen Gebirgen Africas;" based on Daniell's African Scenery, pl. 24, 1804–08.

Capra jubata Wagner, in Schreber's Säugthiere, Suppl., 4: 1471, 1836; 5: 1277, pl. 287C, 1824. No locality.

A[ntilope] barbata Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 180; 5: 325, 1827. "The parting ridge of the waters on the southeast coast of Africa."

A[ntilope] aurita Burchell, Hamilton Smith in Griffith's Cuvier, Animal Kingdom, 5: 325, 1827. Based on Burchell's account.

A[ntilope] truteri J. B. Fischer, Synopsis Mamm., p. 478, 1829. Interior of South Africa.

H[ippotragus] e[quinus] typicus P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, p. 13, Feb. 1899.

HIPPOTRAGUS EQUINUS BAKERI Heuglin. Baker's Roan Antelope

Hippotragus bakeri Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 16, pl. 2, f. 6, a, b, 1863. Between upper Atbara and Bahr-el-Salaam Rivers, eastern Sennaar, near Abyssinian border, Anglo-Egyptian Sudan.

HIPPOTRAGUS EQUINUS COTTONI Dollman and Burlace. Angolan Roan Antelope

Hippotragus equinus cottoni Dollman and Burlace, Rowland Ward's Records of Big Game, ed. 9, pp. 265–266, 1928. Quanza River, Angola.

HIPPOTRAGUS EQUINUS DOGETTI de Beaux

Hippotragus equinus dogetti de Beaux, Ann. Mus. Civ. Stor. Nat. Genova, (3) 9=49: 231, 10 July 1921. Near Gondokoro, Uganda.

HIPPOTRAGUS EQUINUS KOBA (Gray). Gambian Roan

Ægocerus koba Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872. Gambia coast, Macarthy's Island.

Gray (Cat. Mamm. Brit. Mus., 3: Ungulata Furcipeda, p. 103, 1852) first regarded this as a "var.?" of "*Ægocerus leucophæus*," adding the native name Docoi, and the statement that it is "certainly not the Kob of Buffon;" the name is accompanied by the description of a head in the British Museum and is not invalidated by the *Antilope kob* of Erxleben = *Adenota kob* (Erxleben).

Ægocerus leucophæus, var. *docoi* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872.

Gray here quotes the name as a synonym of *Ægocerus koba*, referring to his previous use of it as a native name for his *Ægocerus leucophæus*, var.?

H[ippotragus] e[quinus] gambianus P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 13, pp. 15, 28, pl. 78, Feb. 1899. Gambia.

HIPPOTRAGUS EQUINUS LANGHELDI Matschie

Hippotragus langheldi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 182, 1898. Tabora, Tanganyika Territory.

Hippotragus rufo-pallidus Neumann, Proc. Zool. Soc. London, for 1898, p. 850, 1 Apl. 1899. Upper Bubu River, between Irangi and Mt. Gurui, Tanganyika Territory.

HIPPOTRAGUS EQUINUS SCHARICUS (Schwarz)

Egocerus equinus scharicus Schwarz, Ann. Mag. Nat. Hist. (8) 11: 266, Feb. 1913. Abilela, lower Shari River, French Equatorial Africa.

HIPPOTRAGUS LEUCOPHÆUS (Pallas). Blaauwbok

Antilope leucophæa Pallas, Miscellanea Zool., p. 4, 1766; Spicilegia Zool., pt. 1, p. 6, 1767; pt. 12, p. 12, 1777. [Swellendam district,] Cape of Good Hope.

Antilope capensis P. L. S. Müller, Linnæus's Vollständ. Natursyst., Suppl., p. 52, 1776. Cape of Good Hope (ex Pallasio).

Cemas glauca Oken, Lehrbuch d. Naturgesch., 3: zool., pt. 2, p. 740, 1816. Cape of Good Hope.

Range: Formerly it "appears to have been restricted" to the region of the type locality, Swellendam district, Cape of Good Hope. Exterminated about 1799.

HIPPOTRAGUS NIGER NIGER (Harris). Sable Antelope

Aigocerus niger Harris, Proc. Zool. Soc. London, p. 2, July 1838; Trans. Zool. Soc. London, 2: 213, pl. 39, 5 Dec. 1838. Cashan Range, near Pretoria, northwestern Transvaal.

Aigocerus harrisi Harris, Wild Sports of Southern Africa, pp. 264, 378, 1839. Mountain range of eastern Matabeleland, South Africa.

HIPPOTRAGUS NIGER KIRKII (Gray)

Ægocerus niger, var. *kirkii* Gray, Cat. Ruminant Mamm. Brit. Mus., p. 35, 1872. "Antimelos," [Zambesia.]

Hippotragus (*Ozanna*) *niger kaufmanni* Matschie, Deutsche Jäger-Zeitung, 59: 119, 1912. Mt. Caprivi, between the Chobi and Zambesi, Southwest Africa.

HIPPOTRAGUS NIGER ROOSEVELTI (Heller)

Ozanna roosevelti Heller, Smithsonian Misc. Coll., 54: no. 6, p. 1, 3 Mar. 1910. Shimba Hills, Kenya Colony.

Named for Kermit Roosevelt.

HIPPOTRAGUS NIGER VARIANI Thomas. Giant Sable

Hippotragus niger variani Thomas, Abstract Proc. Zool. Soc. London, no. 15 p. 1, 15 Feb. 1916; Proc. Zool. Soc. London, p. 300, text-f. 1, 20 Apl. 1916. Luando River, Angola.

Oryx Blainville. Oryxes

Oryx Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, May 1816. Genotype not specified, but fixed as *Antilope oryx* Pallas = *Capra gazella* Linnæus.

Oryx Oken, 1816 (= *Monodon* Linnæus, 1758) was probably published later in the year than Blainville's name (see J. A. Allen, Bull. Amer. Mus. Nat. Hist., 16: 375, 11 Oct. 1902).

Onyx Gray, London Medical Repository, 15: 307, 1 Apl. 1821; ?emendation or error.

Capra, Antilope, Gazella, Cemas, Cerophorus, in part, of older authors.

Oryx beisa beisa (Rüppell). Beisa Oryx

Antilope beisa Rüppell, Neue Wirbelthiere zu d. Fauna v. Abyssinien gehörig, Säugeth., p. 14, pl. 5, 1835. Red Sea coast west of Massowa, Eritrea.

Oryx biessa Gray, Ann. Mag. Nat. Hist. (1) 18: 232, Oct. 1846; errorim.

Oryx beisa typica Ward, Records of Big Game, ed. 6, p. 293, 1910.

Oryx beisa annectens Hollister

Oryx annectens Hollister, Smithsonian Misc. Coll., 56: no. 2, p. 7, 31 Mar. 1910. Laikipia plateau, near Northern Guaso Nyiro, Kenya Colony.

Oryx beisa callotis Thomas. Fringe-eared Oryx

Oryx callotis Thomas, Nature (London), 45: 526, 31 Mar. 1892; Proc. Zool. Soc. London, p. 195, pl. 14, Aug. 1892. Kilimanjaro district, Tanganyika Territory.

Oryx beisa gallarum Neumann. Galla Oryx

Oryx beisa gallarum Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 99, 1902. Orte Balinga, Modjo, southern Ennia-Gallaland, near the Webi, Abyssinia (Ethiopia).

Oryx beisa subcallotis W. Rothschild

Oryx gazella subcallotis W. Rothschild, Ann. Mag. Nat. Hist. (9) 8: 209, Aug. 1921. "Country between the ranges of *O. g. callotis* and *O. g. annectens*," Kenya Colony.

Status questionable; "the known forms of 'gemsbok' must stand as" races of *Oryx gazella* (W. Rothschild).

Oryx gazella gazella (Linnæus). Gemsbok

Capra gazella Linnæus, Syst. Nat., ed. 10, 1: 69, 1758. "India" (Linnæus); "locality not defined, but may be taken as S. Africa" (Thomas, O., Proc. Zool. Soc. London, p. 152, 22 Mar. 1911).

Antilope bezoartica Pallas, Miscellanea Zool., p. 8, 1766. No locality.

Ant[ilope] oryx Pallas, Spicilegia Zool., pt. 12, pp. 16, 61, 1777. "Ægypti, Æthiopiæ, Arabiæ inquilina."

Antilope recticornis Erxleben, Syst. Regni Animalis, p. 272, 1777; based on "cornu . . . Gazellæ recticornis, quam hodie . . . Africa alit" of Pallas (Nov. Comment. Acad. Petropol., 13: 468, 1766), where, however, "it does not appear to have been intended as a technical name (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 119, 1914). "in Ægypto, Arabia, totoque Oriente, in India, ad caput bonæ spei."

Antilope pasan Daudin, Lacépède's Buffon, Tabl. d. mamm., 14: p. 182, 1799; referring to 10: 151, 154, pl. 13, 1799, La gazelle pasan. Cape of Good Hope.

Onyx onyx Gray, London Medical Repository, 15: 307, 1821; misprint.

Oryx capensis Ogilby, Proc. Zool. Soc. London, for 1836, p. 139, 27 June 1837. Cape of Good Hope (implied).

Oryx aschenborni Strand, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 146, footnote, July 1924. Kalahari Desert, Southwest Africa (based on account by Aschenborn in his "Gemsbockbuch," 1921).

Regarded by G. C. Shortridge (Mammals of South West Africa, 2: 560, 1934) as a synonym of *O. gazella gazella*.

Range: Bechuanaland to Mossamedes, southwestern Africa.

ORYX GAZELLA BLAINEI W. Rothschild. Angolan Gemsbok

Oryx gazella blainei W. Rothschild, Ann. Mag. Nat. Hist. (9) 8: 209, Aug. 1921. Angola, 20 miles inland of Elephant Bay, south of Benguella (see Lydekker and Blaine).

Subfamily TRAGELAPHINÆ. Spiral-horned Antelopes

BOOCERCUS Thomas. Bongo

Euryceros Gray, Gleanings from Menagerie at Knowsley Hall, 2: 27, 1850. As a subgenus of *Tragelaphus;* type *Antilope eurycerus* Ogilby. Preoccupied by *Euryceros* Lesson, 1830.

Boocercus Thomas, Ann. Mag. Nat. Hist. (7) 10: 309, Oct. 1902. Genotype *Boocercus eurycerus isaaci* Thomas.

Boocerus Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 731, 1905; errorim.

BOOCERCUS EURYCERUS EURYCERUS (Ogilby). Bongo

Antilope eurycerus Ogilby, Proc. Zoöl. Soc. London, for 1836, p. 120, 20 Feb. 1837. "West Africa."

Tragelaphus eurycerus Lesson, Nouv. Tableau Règne Anim., Mamm., p. 181, 1842. Africa.

Tragelaphus albo-virgatus Du Chaillu, Proc. Boston Soc. Nat. Hist., 7: 299, July 1860. Gaboon, Ashankolo Mts., 60 miles south of the equator and 140 miles from the coast.

Tragelaphus albovittatus Gray, Proc. Zool. Soc. London, for 1861, p. 276, Apl. 1862. Bight of Biafra. Error for *albo-virgatus*.

Boocercus eurycerus cooperi W. Rothschild. Uele Bongo

Boöcercus eurycerus cooperi W. Rothschild, in Rowland Ward's Records of Big Game, ed. 9, p. 306, 1928. Haut Uele district, Congo Belge.

Boocercus eurycerus isaaci Thomas. Eastern Bongo

Boocercus eurycerus isaaci Thomas, Ann. Mag. Nat. Hist. (7) 10: 310, Oct. 1902. Eldoma Ravine, Kenya Colony.

Boocercus eurycerus katanganus W. Rothschild. Katanga Bongo

Boocercus eurycerus katanganus W. Rothschild, Ann. Mag. Nat. Hist. (9) 19: 271, Feb. 1927. Djingilé, Kabouso Territory, Laurami district, Katanga Province, Congo Belge.

Limnotragus Pocock

Hydrotragus Gray, Cat. Ruminant Mamm. Brit. Mus., p. 49, 1872. As a subgenus of *Euryceros;* type *Tragelaphus spekii* P. L. Sclater; not of Fitzinger, 1866, which is a synonym of *Adenota*.

Limnotragus Pocock, in P. L. Sclater and Thomas, Book of Antelopes, 4: 90, Jan.; 149, Aug. 1900. Genotype *Tragelaphus spekii* Sclater.

See Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 185, footnote, 1914, as to authorship of Pocock. They regard this name as a subgenus of *Tragelaphus*.

Limnotragus spekii spekii (P. L. Sclater). Sitatunga

Tragelaphus spekii P. L. Sclater, in Speke's Journal of Discovery of Source of Nile, p. 223, footnote, fig., 1864. Karague, west of Lake Victoria, Tanganyika Territory.

Tragelaphus spekei typicus Ward, Records of Big Game, ed. 6, p. 314, 1910.

Tragelaphus (*Limnotragus*) *ugallæ* Matschie, Jahrb. Inst. f. Jagdkunde, 2: 179, text-f. 88, 1913. Sindi, Ugalla, Tanganyika Territory.

Limnotragus spekii gratus (P. L. Sclater). Western Sitatunga

Tragelaphus gratus P. L. Sclater, Proc. Zool. Soc. London, p. 452, pl. 44, Oct. 1880. Gaboon.

Tragelaphus gratus albonotatus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 90, 1905. Locality unknown, "possibly either Upper Guinea or Angola."

Range: West Africa, from Cameroons to Congo.

LIMNOTRAGUS SPEKII INORNATUS Cabrera

Limnotragus spekei inornatus Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 276, May 1918. Lake Young, northeastern Rhodesia.

LIMNOTRAGUS SPEKII LARKENII St. Leger

Limnotragus spekei larkenii St. Leger, Ann. Mag. Nat. Hist. (10) 8: 420, Oct. 1931. Bahr-el-Ghazal, 50 miles south of Yambio, Anglo-Egyptian Sudan, 4° 30′ N., 28° E.

LIMNOTRAGUS SPEKII SELOUSI (W. Rothschild). Zambesi Sitatunga

Tragelaphus selousi W. Rothschild, Novitates Zool., 5: 206, 3 May 1898. Zambesi Valley.

Range: South of the Zambesi Valley.

LIMNOTRAGUS SPEKII SYLVESTRIS Meinertzhagen. Nkose Sitatunga

Limnotragus spekei sylvestris Meinertzhagen, Proc. Zool. Soc. London, p. 375, text-f. 1, A; 2, B; 20 June 1916. Nkose Island, Sesse Islands, Lake Victoria, Uganda.

LIMNOTRAGUS SPEKII WILHELMI Lönnberg and Gyldenstolpe

Limnotragus spekei wilhelmi Lönnberg and Gyldenstolpe, Ann. Mag. Nat. Hist. (9) 13: 197, pl. 7, Feb. 1924. Ruhuhuma Swamp, north of Lake Bunyoni, Kigezi, British Ruanda.

STREPSICEROS Hamilton Smith. Kudus

Strepsiceros Rafinesque, Analyse de la Nature, p. 56, 1815. Genotype *Antilope strepsiceros* Pallas. A nomen nudum.

Strepsiceros Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 5: 365, 1827. As a subgenus of *Damalis;* type *Antilope strepsiceros* Pallas.

Calliope Ogilby, Proc. Zool. Soc. London, for 1836, p. 138, 27 June 1837. Genotype *Antilope strepsiceros* Pallas; not *Calliope* Gould, 1836, in birds.

Strepsicerastes Knottnerus-Meyer, Arch. f. Naturgesch., 69: sect. B, vol. 2, pt. 1, Jahresber., Mamm. for 1902, p. 113, Feb. 1908. Genotype *Strepsiceros imberbis* Blyth.

Strepsicerella Zukowsky, Wild und Hund, 16: no. 12, p. 206, 25 Mar. 1910. Genotype *Strepsiceros imberbis* Blyth.

Ammelaphus Heller, Smithsonian Misc. Coll., 60: no. 8, p. 15, 2 Nov. 1912. Genotype *Strepsiceros imberbis* Blyth.

Antilope, Ovis, Capra, Cerophorus, Damalis, Tragelaphus, in part, of older authors.

Schwarz (Ergebn. d. Zweiten Deutsch Zentr.-Afrika-Exped. 1910–11, 1: Zool., p. 1026, June 1920) regards this genus as a synonym of *Tragelaphus.*

STREPSICEROS IMBERBIS IMBERBIS Blyth. Lesser Kudu

Strepticeros (sic) *imberbis* Blyth, Proc. Zool. Soc. London, p. 55, text-f. 3, 3A, 1869. Abyssinia.

Strepsiceros tendal Gray, Hand-list of Edentate, Thick-skinned and Ruminant Mamm. Brit. Mus., p. 118, 1873 (not of Cretzschmar). Abyssinia.

STREPSICEROS IMBERBIS AUSTRALIS (Heller)

Ammelaphus imberbis australis Heller, Smithsonian Misc. Coll., 61: no. 13, p. 2, 16 Sep. 1913. Longaya Water, Marsabit district, Kenya Colony.

STREPSICEROS STREPSICEROS STREPSICEROS (Pallas). Greater Kudu

Antilope strepsiceros Pallas, Miscellanea Zool., p. 9, 1766; Spicilegia Zool., pt. 1, p. 17, 1767; pt. 12, pp. 19, 67, 1777. Cape of Good Hope.

Antilope torticornis Hermann, Observationes Zool., pt. 1, p. 87, 1804. No locality.

Identity uncertain, see P. L. Sclater and Thomas, Book of Antelopes, 4: pts. 16–17, p. 175, Aug. 1900.

Strepsiceros capensis A. Smith, South African Quart. Journ., 2: 223, 1834. South Africa.

Strepsiceros koodoo Jardine, Naturalist's Library, Mamm., 4: 180, pl. 20, 1836. "Woody parts of Caffraria and the Karoo Mountains," South Africa.

Strepsiceros kudu Gray, List Spec. Mamm. Brit. Mus., p. 155, 13 May 1843; emendation.

Strepsiceros excelsus Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 196, 1846. Africa south of the Sahara.

Strepsiceros strepsiceros zambesiensis Lorenz, Ann. K. K. Naturh. Hofmus., Wien, 9: Notizen, p. 63, 1894. Leschumo forest, southeastern border of Marutse Land and northwestern Matabele Land.

Strepsiceros capensis typicus Ward, Records of Big Game, ed. 6, p. 319, 1910.

Strepsiceros hamiltoni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 387, Nov. 1914. New name for *Damalis strepsiceros* H. Smith, not *Antilope strepsiceros* Pallas. ? locality. Sources of the Gariep or Orange River, South Africa.

STREPSICEROS STREPSICEROS BEA Heller. Kenya Kudu

Strepsiceros strepsiceros bea Heller, Smithsonian Misc. Coll., 61: no. 13, p. 3, 16 Sep. 1913. Hollister, Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 130, pl. 54 (skull), 1924. Donyo Gelsha, on the escarpment east of Lake Baringo, Kenya Colony.

STREPSICEROS STREPSICEROS CHORA (Cretzschmar)

Antilope chora Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. Eastern Sudan.

(?) *Antilope tendal* Cretzschmar, Atlas zu Rüppell's Reise im Nördl. Afrika, Säugeth., p. 22, 1826. "May be *Addax nasomaculatus*" (Lydekker and Blaine, Cat. Ungulate Mamm. Brit. Mus., 3: 202, 1914). Deserts of "Sinerie" to Ambukol.

Strepsiceros abyssinicus Fitzinger, Sitzb. K. K. Akad. Wiss., Wien, math.-nat. Kl., 59: sect. 1, p. 176, 1869. Abyssinia, Somaliland, to Kordofan. Based on *Strepsiceros kudu*, var. Gray.

STREPSICEROS STREPSICEROS COTTONI Dollman and Burlace. Western Kudu

Strepsiceros strepsiceros cottoni Dollman and Burlace, Rowland Ward's Records of Big Game, ed. 9, p. 300, 1928. Byaya, French Congo.

STREPSICEROS STREPSICEROS FROMMI Matschie

Strepsiceros frommi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 391, Nov. 1914. On the Mpombolo, a tributary of the Mfuissi, upper Msadia, 31° 10′ E., 7° 23′ S., Tanganyika Territory.

TAUROTRAGUS Wagner. Elands

Oreas Desmarest, Encyclopédie Méthod., Mammalogie, 2: 471, 1822. As a subgenus of *Antilope;* type *Antilope oreas* Pallas = *Antilope oryx* Pallas. Preoccupied by *Oreas* Hübner, 1806, in Insecta.

Taurotragus Wagner, Schreber's Säugthiere, Suppl., 5: 438, 1855. As a subgenus of *Antilope;* type *Antilope oreas* Pallas = *Antilope oryx* Pallas.

Doratoceros Lydekker, The Field (London), 78: 130, 25 July 1891. Genotype *Antilope triangularis* Günther = *Antilope oryx* Pallas.

Orias Lydekker, Royal Natural History, 2: Mamm., 267, 15 Sep. 1895; errorim.

Antilope, Capra, Cerophorus, Cemas, Damalis, Boselaphus, in part, of older authors.

TAUROTRAGUS ORYX ORYX (Pallas). Cape Eland

Antilope oryx Pallas, Miscellanea Zool., p. 9, 1766; Spicilegia Zool., pt. 1, p. 15, 1767. Cape of Good Hope.

Ant[ilope] oreas Pallas, Spicilegia Zool., pt. 12, p. 17, 1777. Mountains of South Africa.

Bos barbatus Kerr, Linnæus's Animal Kingdom, p. 340, 1792. "Country north from the Cape" of Good Hope.

Cemas alces Oken, Lehrbuch d. Naturgesch., 3: zoöl., sect. 2, p. 735, 1816. South Africa, especially to the east of Cape of Good Hope.

Damalis canna Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 4: 357; 5: 365, 1827. "Beyond the Gareep, upon the Great Desert," South Africa. This is the first use of the specific name in a technical sense; as usually quoted from Desmarest (Encyclopédie Méthodique, Mammalogie, 2: 471, 1822) it is a vernacular name.

Antilope triangularis Günther, The Field (London), 73: 260, 23 Feb. 1889; Proc. Zool. Soc. London, p. 74, text-f. a-c, June 1889. "Interior of southern Central Africa," i.e., Zambesi region. Based on the abnormal horns of a female *Taurotragus oryx*.

Taurotragus oryx typicus F. C. Selous, Great and Small Game of Africa, p. 426, 1899.

Taurotragus oryx billingæ Kershaw

Taurotragus oryx billingæ Kershaw, Ann. Mag. Nat. Hist. (9) 11: 598, May 1923. Uleti, Iringa, Tanganyika Territory.

Taurotragus oryx livingstonii (P. L. Sclater). Zambesi Eland

Oreas livingstonii P. L. Sclater, Proc. Zool. Soc. London, p. 105, July 1864. Left bank of the Zambesi near the Kafue, Rhodesia.

Taurotragus oreas livingstonii P. L. Sclater, Proc. Zool. Soc. London, p. 507, Oct. 1893.

Oreas oreas kaufmanni Matschie, Deutsche Jäger-Zeitung, 58: no. 9, p. 119, text-f. 83, 1912. Caprivi Peak, Southwest Africa.

Regarded by Shortridge (Mamm. South West Africa, 2: 607, 1934) as identical with *Taurotragus oryx livingstonii* (P. L. Sclater).

Taurotragus oryx livingstonei Roberts, Ann. Transvaal Mus., 4: 106, 20 Oct. 1913.

Oreas oryx niediecki Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 249, 1913. Banga, Kafue River, between 26° and 27° S., Maschukulumbweland, upper Zambesi.

Regarded by Shortridge (Mamm. South West Africa, 2: 607, 1934) as identical with *Taurotragus oryx livingstonii* (P. L. Sclater).

Taurotragus oryx pattersonianus Lydekker. East African Eland

Taurotragus oryx pattersonianus Lydekker, The Field (London), 108: 579, 29 Sep. 1906. Laikipia plateau, Kenya Colony; not Portuguese East Africa (Mozambique) as stated in original description (see Lydekker, R., Novitates Zool., 14: 324, 1907).

Taurotragus oryx selousi Lydekker. Mashona Eland

Taurotragus oryx selousi Lydekker, Ward's Records of Big Game, ed. 6, p. 328, 1910. Rugawé Valley, Mashonaland, Rhodesia.

Taurotragus derbianus derbianus (Gray). Giant Eland

Boselaphus derbianus Gray, Ann. Mag. Nat. Hist. (1) 20: 286, Oct. 1847. Gambia.

Oreas colini Rochebrune, Bull. Soc. Philomathique, Paris, (7) 7: 8, 1883; Actes Soc. Linn. de Bordeaux, (4) 7 (=37): 168, pl. 10, f. 1, 1883. Forests of Kita, Senegal.

Taurotragus derbianus typicus Ward, Records of Big Game, ed. 6, p. 334, 1910.

TAUROTRAGUS DERBIANUS CAMEROONENSIS Millais

Taurotragus derbianus cameroonensis Millais, Far Away up the Nile (London), p. 240, 1924. Northwestern (formerly German) Cameroons.

TAUROTRAGUS DERBIANUS CONGOLANUS W. Rothschild

Taurotragus derbianus congolanus W. Rothschild, Ann. Mag. Nat. Hist. (8) 12: 575, Dec. 1913. Ubangi district, eastern Congo Belge (♂), and northwestern Tanganyika (♀).

Oreas derbii Johnston, River Congo, ed. 3, p. 391, 1884; errorim. "Perhaps the Upper Congo."

Taurotragus derbianus congolanicus Millais, Far Away up the Nile (London), p. 241, 1924; misspelling.

TAUROTRAGUS DERBIANUS GIGAS (Heuglin)

Boselaphus gigas Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 30: no. 2, p. 19, pl. 1, f. 2, 1863. West of the upper White Nile, 7° N., Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 132, 1924) as a separate species.

See Butler, A. L. On the Giant Eland of the Bahr-el-Ghazal, *Taurotragus derbianus gigas* (Heugl.). Proc. Zool. Soc. London, 1: 288–290, 10 Aug. 1905.

TRAGELAPHUS Blainville. Bushbucks

Tragelaphus Blainville, Bull. des Sci. Soc. Philomatique, Paris, p. 75, May 1816. As a subgenus of *Cerophorus*, type *Antilope sylvatica* Sparrman (see P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 15, p. 103, Jan. 1900). Not of Ogilby, 1837, of which the genotype is *Antilope picta* Pallas.

Nyala Heller, Smithsonian Misc. Coll., 60: no. 8, p. 16, 2 Nov. 1912. Genotype *Tragelaphus angasii* Gray.

Antilope, Cemas, Calliope, in part, of older authors.

TRAGELAPHUS ANGASII Gray. Nyala

Tragelaphus angasii Gray, in Angas, Proc. Zool. Soc. London, for 1848, p. 89, pls. 4, 5, 13 Mar. 1849. St. Lucia Bay, Zululand, Natal.

Range: Southeastern Africa from Zululand, Natal, north of Nyasaland.

TRAGELAPHUS BUXTONI (Lydekker). Mountain Nyala

Strepsiceros or *Tragelaphus buxtoni* Lydekker, Nature (London), 84: 397, 29 Sep. 1910; Proc. Zool. Soc. London, p. 348, pl. 16, text-f. 103, 6 July 1911. Sahatu Mts., southeast of Lake Zwai, Gallaland, Abyssinia., 9000 ft.

Tragelaphus scriptus scriptus (Pallas). West African Bushbuck

Antilope scripta Pallas, Miscellanea Zool., p. 8, 1766; Spicilegia Zool., pt. 1, p. 15, 1767; pt. 12, p. 18, 1777, based on "Le Guib" of Buffon, Hist. Nat., 12: 305, 327, pl. 40–41, 1764. Senegal.

T[ragelaphus] scriptus typicus Thomas, Proc. Zool. Soc. London, p. 388, Oct. 1891.

Tragelaphus scriptus bor Heuglin. Nile Bushbuck

Tragelaphus bor Heuglin, Reise in Nordost-Afrika, 2: 122, 1877. Req marshes and Bongo, Bahr-el-Ghazal, Anglo-Egyptian Sudan.

Tragelaphus cottoni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 552, Dec. 1912. Farajala, west of Lado, on the Koda, a tributary on the left side of Bahr-el-Jebel, Lado Enclave.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 127, 1924) as a synonym of *Tragelaphus s. bor* Heuglin.

Tragelaphus cottoni meridionalis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 555, Dec. 1912. Three days north of Wadelai, Bahr-el-Gebel, Uganda.

Tragelaphus scriptus dama Neumann

Tragelaphus dama Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 97, 1902. Kavirondo, northeast shore of Lake Victoria, Kenya Colony.

Tragelaphus scriptus decula (Rüppell). Abyssinian Bushbuck

Antilope decula Rüppell, Neue Wirbelthiere zu d. Fauna von Abyssinien gehörig, Säugeth., p. 11, pl. 4, 1835. Northwest slope of the highlands about Dembea Lake and the Kulla, Abyssinia (Ethiopia).

Tragelaphus decula fulvoochraceus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 563, Dec. 1912. Dungoler, near the Abbai flowing south from Lake Tana, Abyssinia.

Tragelaphus scriptus delamerei Pocock. Lord Delamere's Bushbuck

Tragelaphus delamerei Pocock, Ann. Mag. Nat. Hist. (7) 5: 95, Jan. 1900. Sayer valley, near Gessima, northwest of Mt. Kenya, Kenya Colony (not "Somaliland").

Tragelaphus tjaderi J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 148, 19 Mar. 1909. Nakuru, Kenya Colony.

Tragelaphus haywoodi Thomas, Abstract Proc. Zool. Soc. London, no. 21, p. 9, 13 June 1905; Proc. Zool. Soc. London, 2: 181, 17 Oct. 1905. Nyeri, Kenya Colony.

Tragelaphus haywoodi brunneus Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 549, Dec. 1912. West side of Mt. Kenya, Kenya Colony, 7400 ft.

Tragelaphus eldomæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 550, Dec. 1912. Mau forest, at Eldoma Ravine Station, Kenya Colony.

Regarded by Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 127, 1924) as a synonym of *T. scriptus delamerei* Pocock.

TRAGELAPHUS SCRIPTUS DIANÆ Matschie

Tragelaphus dianæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 557, Dec. 1912. Kalakaba, about 40 miles from Mahagi, north end of Lake Albert, Uganda.

Tragelaphus dianæ simplex Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 560, Dec. 1912. Between Irumu and Kifuku, Ituri River, Congo Belge.

TRAGELAPHUS SCRIPTUS DODINGÆ Matschie

Tragelaphus cottoni dodingæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 556, Dec. 1912. Kedef Valley, western foothills of Dodinga Range, east-northeast of Dufilé, near Sudan-Uganda border.

Doubtfully distinct from *T. scriptus bor* Heuglin.

Tragelaphus scriptus barkeri J. G. Millais, Far Away up the Nile (London), p. 233, pl., 1924. Imatong Mountains, Mongalla, Anglo-Egyptian Sudan.

See Rowland Ward's Records of Big Game, ed. 9, p. 285, 1928; and ed. 10, p. 222, 1935, where it is stated to be "probably the same as *T. s. dodingæ*."

TRAGELAPHUS SCRIPTUS FASCIATUS Pocock

Tragelaphus scriptus fasciatus Pocock, Ann. Mag. Nat. Hist. (7) 5: 95, Jan. 1900. Sen Morettu, Webi Valley, Somaliland.

TRAGELAPHUS SCRIPTUS JOHANNÆ Schwarz

Tragelaphus scriptus johannæ Schwarz, Revue de Zool. et Bot. Africaines, 16: 423, 1 Apl. 1929. Kwamouth, mouth of the Kasai, left bank of Congo River, Congo Belge.

TRAGELAPHUS SCRIPTUS KNUTSONI Lönnberg

Tragelaphus scriptus knutsoni Lönnberg, Arkiv f. Zool., 2: no. 15, p. 1, 13 Apl. 1905. Upper Manns Valley, Cameroon Mt., Cameroons.

TRAGELAPHUS SCRIPTUS LOCORINÆ Matschie

Tragelaphus locorinæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 564, Dec. 1912. Narringepur, south of Dodinga Mts., Uganda.

Doubtfully distinct from *T. scriptus bor* Heuglin.

Tragelaphus locorinæ laticeps Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 565, Dec. 1912. Northwest base of Mt. Debasien, Uganda, 3950 ft.

Tragelaphus scriptus heterochrous Cabrera, Bol. Real Soc. Española Hist. Nat., Madrid, 18: 275, May 1918. West slope of Mt. Elgon, Uganda.

Probably a synonym of *T. scriptus locorinæ* Matschie.

Tragelaphus scriptus makalæ Matschie

Tragelaphus scriptus makalæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 563, Dec. 1912. Makala, south of Lindi Valley, which is south of the Aruwimi, Congo Belge, about 0° 35′ N., 27° 50′ E.

Tragelaphus scriptus massaicus Neumann. Masai Bushbuck

Tragelaphus massaicus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 96, 1902. Upper Bubu River, northwestern Irangi, Tanganyika Territory.

Tragelaphus sylvaticus meruensis Lönnberg, Wiss. Ergebn. d. Schwedischen Zool. Exped. nach Kilimandjaro u. Leitung v. Sjöstedt, no. 2, Mamm., p. 48, 1908. Meru steppe, and Kibonoto, Tanganyika Territory, for the male and female cotypes respectively.

Tragelaphus scriptus meneliki Neumann. Arusi Bushbuck

Tragelaphus meneliki Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 93, 1902. Gara Mulata, Burka, and Jaffa Range, upper Webi Shebeli watershed, Arusi Gallaland, Abyssinia (Ethiopia).

Tragelaphus scriptus multicolor Neumann

Tragelaphus multicolor Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 95, 1902. Hawash Valley, southeast of Sekuala Range, Shoa, Abyssinia.

Tragelaphus scriptus nigrinotatus Neumann

Tragelaphus nigrinotatus Neumann, Sitzb. Ges. Naturf. Freunde, Berlin, p. 97, 1902. Barssa Valley, Maleland, north of Lake Stephanie, Abyssinia.

Tragelaphus scriptus obscurus Trouessart

Tragelaphus obscurus Trouessart, Cat. Mamm. Viv. Foss., new ed., p. 958, 1898. Plains of Cayor, Oualo, Senegal. Based on the *Tragelaphus gratus* Rochebrune, Actes Soc. Linn. Bordeaux, (4) 7: 170, pl. 11, f. 1, 1883.

Tragelaphus scriptus olivaceus Heller

Tragelaphus scriptus olivaceus Heller, Smithsonian Misc. Coll., 61: no. 13, p. 1, 16 Sep. 1913. Maji-ya-chumvi, near coast of Kenya Colony.

Tragelaphus scriptus ornatus Pocock. Chobi Bushbuck

Tragelaphus scriptus ornatus Pocock, Ann. Mag. Nat. Hist. (7) 5: 94, Jan. 1900. Linyante, swamps of the Chobi, between Lake Ngami and the Zambesi, northern Bechuanaland.

Tragelaphus scriptus phaleratus (Hamilton Smith)

A[ntilope] phalerata Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 275; 5: 351, 1827. Above Great Falls of Lower Congo, Congo Belge.

TRAGELAPHUS SCRIPTUS PICTUS Schwarz

Tragelaphus scriptus pictus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 41, Jan. 1914. Duguia, lower Shari River, French Equatorial Africa.

TRAGELAPHUS SCRIPTUS POWELLI Matschie

Tragelaphus powelli Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 547, Dec. 1912. Managasha forest, west of Entotto, Shoa, Abyssinia.

TRAGELAPHUS SCRIPTUS ROUALEYNI Thomas. Limpopo Bushbuck

Antelopus roualeynei (sic) Gordon-Cumming, A Hunter's Life in South Africa, 2: 165, 168, 1850. Bakarikari (Makarikari), near sources of the Limpopo, Bechuanaland. Nomen nudum.

T[ragelaphus] scriptus roualeyni Thomas, Proc. Zool. Soc. London, p. 389, Oct. 1891. Limpopo River.

Tragelaphus roualeyni typicus P. L. Sclater and Thomas, Book of Antelopes, 4: pt. 15, p. 123, Jan. 1900.

TRAGELAPHUS SCRIPTUS SASSÆ Matschie

Tragelaphus dianæ sassæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 561, Dec. 1912. Sassa, Kasindi, north of Lake Albert Edward, Congo Belge.

Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 129, 1924) provisionally regards this as a valid race.

TRAGELAPHUS SCRIPTUS SIGNATUS Schwarz

Tragelaphus scriptus signatus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 42, Jan. 1914. Les M'Brous, River Tomi, near the Gribingi-Ubangi watershed, French Equatorial Africa.

Tragelaphus scriptus punctatus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 42, Jan. 1914. Duma, near Libenge, Ubangi River, Congo Belge.

Regarded by Lydekker and Blaine (Cat. Ungulate Mamm. Brit. Mus., 3: 165, 1914) as probably inseparable from *T. s. signatus* Schwarz.

TRAGELAPHUS SCRIPTUS SYLVATICUS (Sparrman). South African Bushbuck

Antilope sylvatica Sparrman, Kongl. Svenska Vet.-Acad. Nya Handl., Stockholm, p. 197, pl. 7, 1780. Groot Vaders Bosch, Cape of Good Hope.

TRAGELAPHUS SCRIPTUS UELLENSIS Schwarz

Tragelaphus scriptus uellensis Schwarz, Ann. Mag. Nat. Hist. (8) 13: 43, Jan. 1914. Angu, Uele River, Congo Belge.

Subfamily CAPRINÆ. Sheep and Goats

Ammotragus Blyth. Audad

Ammotragus Blyth, Proc. Zool. Soc. London, p. 13, July, 1840. As a subgenus of *Ovis;* type *Ovis tragelaphus* G. Cuvier.

Review: Rothschild, Walter. On *Ovis lervia* Pallas and its subspecies. Novitates Zool., 20: 459–460, June 1913.

Ammotragus lervia lervia (Pallas). Audad or Barbary Sheep

Ant[ilope] lervia Pallas, Spicilegia Zool., pt. 12, p. 12, 1777. North Africa, i.e. Mauretania.

Ov[is] tragelaphus G. Cuvier, Règne Anim., ed. 1, 1: 268, 1817. Barbary and Egypt, i.e. Mauretania, according to Rothschild.

Ammotragus lervia angusi W. Rothschild

Ammotragus lervia angusi W. Rothschild, Novitates Zool., 28: 75, 14 May 1921. Tarrouaji Mt., Asben (or Aïr), French West Africa.

Ammotragus lervia blainei (W. Rothschild)

Ovis lervia blainei W. Rothschild, Novitates Zool., 20: 460, 17 June 1913. Border of Dongola Province and Kordofan, Anglo-Egyptian Sudan.

Ammotragus lervia fassini Lepri

Ammotragus lervia fassini Lepri, Atti Pontificia Accad. Sci. Nuovi Lincei, Roma, 83: suppl., p. 271, 1930. Garian, Tripoli.

Ammotragus lervia ornata (Audouin)

Ovis ornata Audouin, Descrip. de l'Egypte, 2: 742, pl. 7, f. 2, 1829. Near Cairo, Egypt.

Now extinct in lower Egypt (see Flower, S.S., Proc. Zool. Soc. London, p. 434, 8 July 1932), but a few may still exist in upper Egypt between the Nile and the Red Sea.

Ammotragus lervia sahariensis (W. Rothschild)

Ovis lervia sahariensis W. Rothschild, Novitates Zool., 20: 459, 17 June 1913. Oued Mya, west-central Sahara.

Capra Linnæus. Goats, Ibexes

Capra Linnæus, Syst. Nat., ed. 10, 1: 68, 1758. Genotype *Capra hircus* Linnæus.

Hircus Brisson, Regnum Anim. in Classes IX distrib., ed. 2, p. 38, 1762. No type designated; included various goats, ibex, chamois, and gazelles.

Aries Link, Beyträge z. Naturgesch., 1: pt. 2, p. 96, 1795, in part. Genotype not specified.

Tragus Schrank, Fauna Boica, 1: sect. 1, p. 80, 1798. Genotype *Capra ægagrus* Gmelin.

Ægoceros Pallas, Zoographia Rosso-Asiatica, 1: 224, 1831. Genotype not specified; included seven species of goats and sheep.

Ibex Hodgson, Journ. Asiatic Soc. Bengal, 16: pt. 2, p. 700, July 1847. Genotype not designated; five species included.

Orthægoceros Trouessart, Cat. Mamm. Viv. Foss., Suppl., pt. 3, p. 738, 1905. As a subgenus of *Capra;* type *Capra falconeri* Wagner.

Eucapra Camerano, Atti Reale Accad. Sci. Torino, 51: 570, pl., 1916. As a subgenus of *Capra;* no type specified, but includes five species, one being the Domestic Goat.

Euibex Camerano, Atti Reale Accad. Sci. Torino, 51: 570, pl., 1916. Subgenus of *Capra;* type not specified, but includes the ibexes of Europe and Africa.

Capra nubiana nubiana F. Cuvier. Nubian Ibex; Beden

Capra nubiana F. Cuvier, Hist. Nat. des Mammifères, pt. 50, p. 2, pl., June 1825. Nubia.

Capra nubiana typica Lydekker, Game Animals of Africa, p. 89, 1908. Nubia.

Capra walie Rüppell. Abyssinian Ibex or Wali

Capra walie Rüppell, Neue Wirbelthiere zu d. Fauna von Abyssinien gehörig, 1: Säugeth., p. 16, pl. 6, 1835. Mountains of Simen and Gojjam, Abyssinia.

Capra valie Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1845, p. 280, 1847. Abyssinia.

Capra vali Lydekker, Wild Oxen, Sheep, and Goats of all Lands, p. 270, 1898; emendation.

For an extended account of characters, see Parisi, B., Sulla *Capra walie* Rüppel (sic), Atti. Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 64: 110–118, pl. 3, Sep. 1925.

Capra hircus ægagrus Erxleben. Wild Goat

Capra ægagrus Erxleben, Syst. Regni Anim., 1: 260, 1777. Daghestan district of the Caucasus.

Capra caucasica Gray, List Spec. Mamm. Brit. Mus., p. 167, 13 May 1843. No locality.

Range: "Daghestan district of the Caucasus through the mountains of Asia Minor and Persia, including the Kopet Dagh, to the confines of Baluchistan and Sind" (Lydekker). Joleaud and Lavauden regard the Wild Goats that survived in the island of Galite, near the coast of Tunis, until 1905, as indigenous there.

Subfamily Bovinæ. Cattle

Bubalus Hamilton Smith. Indian Buffalo

Bubalus Hamilton Smith, Griffith's Cuvier, Animal Kingdom, 5: 371, 1827. As a subgenus of *Bos;* type *Bos bubalus* Gmelin = *Bos bubalis* Linnæus. See Hollister, N., Proc. Biol. Soc. Washington, 24: 191, 23 June 1911, as to generic characters.

Bubalus bubalis (Linnæus). Indian or Water Buffalo

Bos bubalis Linnæus, Syst. Nat., ed. 10, 1: 72, 1758. "Asia."

Bos bubalus Gmelin, Linné's Syst. Nat., ed. 13, 1: pt. 1, p. 206, 1788. Asia and in domestication.

Bos arneë Kerr, Linnæus's Animal Kingdom, p. 336, 1792. "India north from Bengal."

Bos buffelus Blumenbach, Handbuch d. Naturgesch., ed. 10, p. 121, 1821.

Bos bubalus β kerabau Sundevall, Kongl. Svenska Vet.-Akad. Handl., Stockholm, for 1844, p. 202, 1846. Java.

Buffelus indicus Rütimeyer, Verhandl. Naturf. Ges. Basel, 4: pt. 2, p. 334, 1865. Asia.

Range: "Exists in a wild state over a large part of India, exclusive of the south and west, as well as in northern Ceylon;" also widely domesticated from Egypt to the Philippine Islands. According to Lavauden, L., (Le Chêne, no. 6, 1933) the Water Buffalo of Ischkeul is indigenous there, and represents the last of a stock that has come down from Pleistocene times.

Syncerus Hodgson. African Buffaloes

Bos Linnæus, Syst. Nat., ed. 10, 1: 71, 1758, in part, of various authors. Genotype *Bos taurus* Linnæus.

Bubalus Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 5: 371, 1827; in part, of authors. As a subgenus of *Bos;* type by tautonymy *Bos bubalus* Smith = *Bos bubalis* Linnæus.

Syncerus Hodgson, Journ. Asiatic Soc. Bengal, (2) 16: 709, July 1847. Genotype, *Bos brachyceros* Gray = *Bos nanus* Boddært (see Hollister, N., Proc. Biol. Soc. Washington, 24: 192, 23 June 1911). Hodgson originally included *Bos bornouensis* which is a synonym.

Planiceros Gray, Cat. Ruminant Mamm. Brit. Mus., p. 10, 1872. As a subgenus of *Bubalus;* type *Bubalus centralis* a. *Bos planiceros* Blyth.

Synceros Gray, Cat. Ruminant Mamm. Brit. Mus., p. 12, 1872. As a subgenus of *Bubalus;* type *Bos caffer* Sparrman.

Review: Christy, C. The African Buffaloes, Proc. Zool. Soc. London, p. 445–462, 2 maps in text, 4 pls., 16 Oct. 1929.

SYNCERUS CAFFER CAFFER (Sparrman). Black or Cape Buffalo.

Bos caffer Sparrman, Kongl. Svenska Vet.-Akad. Handl., Stockholm, 40: 79, 1779. [Sunday River, Algoa Bay,] Cape of Good Hope.

Bubalus geoffroyi Rochebrune, Bull. Soc. Philomathique, Paris, (7) 9: 18, 1885. Plains between Sénoudébou and Bamako, upper Senegambia.

Bos caffer typicus Lydekker, Wild Oxen, Sheep, and Goats of all Lands, p. 97, 1898.

B[ubalus] caffer radcliffei Thomas, Abstract Proc. Zool. Soc. London, no. 4, p. 13, 8 Mar. 1904; Thomas and Schwann, Proc. Zool. Soc. London, 1: 464, text-f. 95, 2 Aug. 1904. Burumba, Ankole, Uganda.

Bubalus ruahaensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 170, pl., f. 5, 1906. Ruaha Valley, Tanganyika Territory.

Bubalus ruhahensis Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; errorim.

Bubalus schillingsi Schillings, Der Zaube des Elelescho, Leipsic, p. 95, 1906.

Bubalus pihillingsi Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; misprint for *schillingsi*, see Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 54, 1913. Island in Pangani River, near Masimani Range, Usagara, Tanganyika Territory.

Bubalus wembarensis Matschie, in Schillings's Die Zauber des Elelescho, Leipsic, p. 95, 1906; misprint for *wemberensis*, see Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 1: 54, 1913. Chaya Swamp, southern part of Wembere plains, Tanganyika Territory.

Bubalus gariepensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 166, 1906. Liqua Valley, upper Orange River (Gariep), Cape of Good Hope.

Bubalus limpopoensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 167, 1906. Type locality not stated, but evidently Limpopo valley, Mozambique border (skull in Lübeck Mus.).

Bubalus wiesei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 168, pl., f. 1, 1906. Middle Zambesi valley, between Loangwa and Revugu, Rhodesia?

Bubalus rufuensis Zukowsky, Zool. Beobachter, 51: 265, Sep. 1910. Schume Forest, western Usambara Mts., upper Pangani district, Tanganyika Territory.

The right horn of the type was made the type of *B. schillingsi* Matschie.

Bubalus caffer cunenensis Zukowsky, Zool. Beobachter, 51: 266, Sep. 1910. Benguella district, Angola.

The left horn of the type specimen was made the type of *Bubalus caffer cubangensis* Zukowsky!

Bubalus caffer cubangensis Zukowsky, Zool. Beobachter, 51: 266, Sep. 1910. Benguella district, Angola.

The right horn of the type specimen was made the type of *Bubalus caffer cunenensis* Zukowsky!

Bubalus ussanguensis Matschie, Das Weidwerk in Wort und Bild, 19: nos. 13–14, p. 297, 15 Apl. 1910. Uzangu, west of Uhehe, Great Ruaha region, Tanganyika Territory.

Bubalus caffer bubuensis Matschie, Deutsche Jäger-Zeitung, 59: 103, 113, text-f. 79 (skull), 1912. Eastern Turu, Tanganyika Territory.

Bubalus caffer tanæ Matschie, Deutsche Jäger-Zeitung, 59: no. 15, p. 209, text-f. 86, 1912. Region between Mt. Kenya and Tana River, Kenya Colony.

Bubalus caffer athiensis Matschie, Deutsche Jäger-Zeitung, 59: no. 15, p. 209, text-f. 85, 1912. Galla Galla Mts., Kenya Colony.

Bos caffer ruahensis Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 53, 1913; emendation for *ruahaensis* Matschie.

Bubalus massaicus Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Umbugwe, south of Lake Manyara, Massai plains, Tanganyika Territory.

Bubalus urundicus Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Lumpungu, southeastern Urundi, Tanganyika Territory.

Bubalus wintgensi Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 170, text-f. 83, 1913. Muhambwe, Uha, Tanganyika Territory.

B[ubalus] c[affer] wintgensis Christy, Proc. Zool. Soc. London, p. 459, 16 Oct. 1929; errorim.

B[ubalus] gazæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, 15 June 1918. Lebombo Mts., southern Gazaland, Mozambique.

Based on description in Findlay's Big Game Shooting and Travels in Southeast Africa, pp. 183, 226, 1903.

B[ubalus] pungwensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, 15 June 1918. Beira, Mozambique.

Based on account in Findlay's Big Game Shooting and Travels in Southeast Africa, pp. 22, 149, title p., 1903.

Bubalus niediecki Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 136, text-f. 1, 2, 15 June 1918. Baunza, north of middle Kafue, about 33 km. east of where the river turns east, in Maschukulumbwe Land, north of Victoria Falls, Rhodesia.

Bubalus niediecus Christy, Proc. Zool. Soc. London, p. 459, 16 Oct. 1929; errorim.

Syncerus caffer æquinoctialis (Blyth). Northeastern Buffalo

B[ubalus] caffer, var. *æquinoctialis* Blyth, Proc. Zool. Soc. London, p. 372, text-f. 1, 1a, 1866. "Equatorial Africa," i.e., White Nile.

Bubalus pumilus, b. Stirps *orientalis* Brooke, Proc. Zool. Soc. London, p. 483, Aug. 1873. Abyssinia and Upper Nubia.

Bubalus azrakensis Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 169, pl., f. 2, 1906. Roseires, Blue Nile, Anglo-Egyptian Sudan.

Bubalus solvayi Matschie, Deutsche Jäger-Zeitung, 57: no. 7, p. 104, 1911. Mongalla, Anglo-Egyptian Sudan.

Christy treats this as a subspecies of *Syncerus nanus*, between which and typical *S. caffer* it is somewhat intermediate. It is perhaps more logical, how-

ever, to regard it as a northeastern race of the Cape Buffalo, following Hollister (Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 63, 1924).

Syncerus nanus (Boddært). Dwarf Forest Buffalo

Bos nanus Boddært, Elenchus Animalium, 1: 152, 1785. "Marocco;" doubtless brought from Equatorial West Africa (Christy).

Bos pumilus Kerr, Linnæus's Animal Kingdom, p. 340, 1792. "Africa."

B[os] pegasus Hamilton Smith, in Griffith's Cuvier, Animal Kingdom, 4: 386, pl., 1827. Angola.

Bos brachyceros Gray, Charlesworth's Mag. Nat. Hist., 1: 589, 1837. "Central Africa," i.e. Lake Chad district, Nigeria.

Bos bornouensis Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 290, 1842. Bornou district, Nigeria (the Zamouze of Clapperton).

B[os] corniculatus Hamilton Smith, Jardine's Naturalist's Library, Mamm., 13: 290, 1842. Africa implied.

[*Bubalus*] *planiceros* Blyth, Proc. Zool. Soc. London, p. 157, text-f. 4, 4a, Oct. 1863. Locality unknown, but selected as Sierra Leone by Lydekker (Proc. Zool. Soc. London, p. 235, 30 May 1913).

B[ubalus] reclinis Blyth, Proc. Zool. Soc. London, p. 157, text-f. 3, 3a, Oct. 1863. "South Africa," but probably the locality is supplied.

Bubalus centralis Gray, Cat. Ruminant Mamm. Brit. Mus., p. 11, 1872. "Central Africa," but probably Gambia (see Lydekker, R., The Dwarf Buffalo of Southern Nigeria; with a revision of the Dwarf Buffaloes of Western Africa, Proc. Zool. Soc. London, p. 234–241, text-f. 42–44, 30 May 1913).

Bos caffer matthewsi Lydekker, Abstract Proc. Zool. Soc. London, no. 9, p. 10, 14 June 1904. *Bos caffer mathewsi* Lydekker, Proc. Zool. Soc. London, 2: 165, text-f. 31, Oct. 1904. Mfumbiro district, volcanic mountain west of Kivu, borderland between Congo Belge and Tanganyika Territory.

Bubalus neumanni Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 169, pl., f. 4, 1906. Chagwe, Uganda.

Bubalus mayi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 171, text-f. 6, 1906. Bengo, Loanda, Angola.

Bubalus thierryi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 172, pl., f. 3, 1906. Pama, Togo, Dahomey.

B[os] caffer cottoni Lydekker, The Field (London), 109: 37, 5 Jan. 1907. Ituri Forest, Congo Belge.

Bubalus caffer lomamiensis Zukowsky, Zool. Beobachter, 51: 268, Sep. 1910. Divide between Kasai and Boloko, east of Kandakanda, in Baluba, Congo Belge.

The right horn of the type was named *B. c. sankurrensis* Zukowsky!

Bubalus caffer sankurrensis Zukowsky, Zool. Beobachter, 51: 268, Sep. 1910. Divide between Kasai and Boloko, east of Kandakanda, in Baluba, Congo Belge.

The left horn of the type was named *B. c. lomamiensis* Zukowsky!

Bos caffer simpsoni Lydekker, Proc. Zool. Soc. London, for 1910, p. 993, text-f. 146, 147, 11 Jan. 1911. Kwilu River, which flows into the Kwango, a tributary of the Kasai, Congo Belge.

Bubalus pumilus occidentalis Lydekker, Cat. Ungulate Mamm. Brit. Mus., 1: 69, 1913. The name is credited to Brooke (Proc. Zool. Soc. London, p. 483, Aug. 1873) who, however, merely includes the species, under the heading "a. Stirps *occidentalis*."

B[os] c[affer] beddingtoni Lydekker, Abstract Proc. Zool. Soc. London, no. 116, p. 6, 25 Feb. 1913 (nomen nudum). Ashanti, Gold Coast.

Bos (Bubalus) caffer beddingtoni Lydekker, Proc. Zool. Soc. London, p. 240, 30 May 1913. Ashanti, Gold Coast.

Bos caffer hunti Lydekker, Abstract Proc. Zool. Soc. London, no. 116, p. 6, 25 Feb. 1913; Proc. Zool. Soc. London, p. 240, text-f. 43, 44, 30 May 1913. Southern Nigeria.

Bubalus adametzi Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 169, text-f. 81, 1913. Kentu, Donga basin, Benue River system, northern Bamenda, Nigeria.

Bubalus nuni Matschie, Jahrb. des Inst. f. Jagdkunde, 2: 169, text-f. 81, 1913. Kiri and Nsip, upper Nun River, a tributary of the Mbam, a branch of the Sanga River, Cameroons.

Bubalus caffer diehli Schwarz, Ann. Mag. Nat. Hist. (8) 11: 268, Feb. 1913. Manfe, Cross River, western Cameroons.

Bubalus caffer adamauæ Schwarz, Ann. Mag. Nat. Hist. (8) 13: 44, Jan. 1914. Garua, Benue River, Adamaua, Nigeria.

Bubalus caffer hylæus Schwarz, Ann. Mag. Nat. Hist. (8) 13: 44, Jan. 1914. Molundu, Ja River, southeastern Cameroons.

Bubalus caffer houyi Schwarz, Ann. Mag. Nat. Hist. (8) 13: 494, May 1914. Pelle, near Gore, eastern Logone River, "New Kamerun," French Equatorial Africa.

Bubalus (Synceros) adolfi-friedrici Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 307, text-f. 1, 10 Dec. 1918. Irumu, Ituri forest, west of southern Lake Albert, Congo Belge.

B[os] nanus niger In Tanoust, in Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 324, Nov. 1935. Ivory Coast.

Syncerus nanus savanensis Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 332, Nov. 1935. No locality given, beyond savanna areas bordering central African forests.

Syncerus nanus sylvestris Malbrant, Bull. Mus. d'Hist. Nat., Paris, (2) 7: 332, Nov. 1935. No locality given, but forests of central Africa implied.

Christy (1929) points out that "two not uncommon and rather remarkable abnormal forms or tangential variations which do not conform with the general type of horn" occur with the more usual type; to these he refers as "var. *reclinis*" (base wide, ridged, and tips bent forward and upward), and "var. *planiceros*" (lobster-clawed, and tips lying nearly in the plane of the face).

For discussion as to the number of valid races of the Dwarf Buffalo, see:

Koller, O. Die Rassen des westafrikanischen Rotbuffels. Sitzb. Akad. Wiss. Wien, math.-nat. Kl., 144: pt. 9–10, p. 419–453, 1935. (Regards as valid, *thierryi* (misspelt *thyerrie*), *planiceros*, *æquinoctialis*, and possibly *cottoni* and *mathewsi*.)

Blancou, Lucien. Buffles de l'Oubangui-Chari-Tchad. La Terre et la Vie, sem. 2, no. 6, p. 202–223, Dec. 1935. (Recognizes *nanus* of central and West African forests, and *planiceros* of the wooded savannas of these regions; photos and tables of measurements.)

Bos Linnæus. Cattle

Bos Linnæus, Syst. Nat., ed. 10, 1: 71, 1758. Genotype *Bos taurus* Linnæus.

Taurus Storr, Prodromus Methodi Mamm., p. 41, tabl. C, 1780. A renaming of *Bos* Linnæus; no type designated.

Bos taurus primigenius Bojanus. Wild Cattle

Bos primigenius Bojanus, Nova Acta Acad. Cæs. Leop.-Carol., Dresden, 13: pt. 2, p. 422, 1827. Germany.

Bos primigenius mauritanicus P. Thomas, Bull. Soc. Zool. de France, 6: pl. 3, 1881. Quaternary of Algeria.

Range: Formerly in southern Europe and in northern Africa from Egypt to Mauritania; exterminated within the historic period.

Order PERISSODACTYLA. Odd-toed Ungulates

Family RHINOCEROTIDÆ. Rhinos

Ceratotherium Gray. Square-lipped or White Rhino

Ceratotherium Gray, Proc. Zool. Soc. London, p. 1027, 1867. Genotype *Rhinoceros simus* Burchell (see Sclater, W. L., Mamm. South Africa, 1: 297, 1900).

Rhinoceros, *Opsiceros*, *Atelodus*, *Rhinaster*, *Diceros*, *Cœlodonta*, in part, of various authors.

Ceratotherium simum simum (Burchell). Square-lipped or White Rhino

Rhinoceros simus Burchell, Bull. des Sci. Soc. Philomatique, Paris, p. 97, pl., f. 1, 2, 1817. Interior of South Africa, near lat. 26° S.

Rhinoceros canus Griffith, Cuvier's Animal Kingdom, 5: 292, 1827. Southern Africa.

Rhinoceros burchellii Lesson, Manuel de Mammalogie, p. 332, 1827. Interior of Cape of Good Hope. Apparently based on the Rhinocéros de Burchell of Desmarest, Encyclop. Méthodique, Mammalogie, 2: 401, 1822.

Rhinoceros oswellii Gray, Proc. Zoöl. Soc. London, for 1853, p. 46, text-f., 25 July 1854. Interior of South Africa.

Rhinoceros crossii Gray, Proc. Zool. Soc. London, for 1854, p. 250, text-f., 11 Apl. 1855. No locality.

The specimen on which this species was founded is a horn, which though referred by Trouessart to *Dicerorhinus sumatrensis* (Cuvier), has more the appearance of being that of the White Rhino.

Range: Formerly parts of South Africa from Orange River north to the Zambesi. Now extinct except in a protected area of Zululand, Natal.

See Lang, Herbert. Recent and historical notes on the Square-lipped Rhinoceros (*Ceratotherium simum*). Journ. Mammalogy, 4: 155–163, pl. 16, 2 text-f., Aug. 1923.

Ceratotherium simum cottoni (Lydekker). Northern Square-lipped Rhino

Rhinoceros simus cottoni Lydekker, The Field (London), 111: 319, 22 Feb. 1908. Lado Enclave. See Heller, E. The White Rhinoceros. Smithsonian Misc. Coll., 61: no. 1, p. 1–77, pl. 1–31, 1913; Trouessart, E. L. Le rhinocéros blanc du Soudan (*Rhinoceros simus cottoni*). Proc. Zool. Soc. London, p. 198–200, pl. 19–21, 24 May 1909.

Range: Lado Enclave northwest to the Bahr-el-Ghazal district.

Diceros Gray. African Black Rhino

Diceros Gray, London Medical Repository, 15: 306, 1 Apl. 1921; Thomas, Ann. Mag. Nat. Hist. (4) 15: 192, footnote, Feb. 1895. Genotype *Rhinoceros bicornis* Linnæus.

Not invalidated by *Diceras* Lamarck, 1805, in Mollusca.

Dicerus Billberg, Syn. Faunæ Scandinaviæ, 1: Mamm., tabl. A, 1828. Genotype?

Opsiceros Gloger, Hand- u. Hilfsbuch d. Naturgesch., 1: xxxii, 125, 1841. Genotype *Rhinoceros bicornis* Linnæus.

Atelodus Pomel, Ann. Sci. Lit. Auvergne, 26: 114, 1853. As a subgenus of *Rhinoceros;* type not mentioned, but included seven fossil and living species.

Rhinaster Gray, in Gerrard's Cat. Bones of Mamm. Brit. Mus., p. 282, 1862. Genotype *Rhinoceros bicornis* Linnæus.

Preoccupied by *Rhinaster* Wagler, 1830, a genus of Insectivora.

Keitloa Gray, Proc. Zool. Soc. London, for 1867, p. 1025, Apl. 1868. As a subgenus of *Rhinaster* (= *Diceros*); type *Rhinoceros keitloa* A. Smith = *bicornis* Linnæus (with the posterior horn the longer).

Diceros bicornis bicornis (Linnæus). Black or Hook-lipped Rhino

Rhinoceros bicornis Linnæus, Syst. Nat., ed. 10, 1: 56, 1758. "India," but the Cape of Good Hope may be "considered the place whence early specimens were brought" (Thomas, O., Proc. Zool. Soc. London, p. 114, 22 Mar. 1911).

Rhinoceros africanus Desmarest, Encyclopédie Méthodique, Mammalogie, 2: 400, 1822. Interior lands north of the Cape of Good Hope.

Rhinoceros keitloa A. Smith, Report of Exped. for Exploring Central Africa from Cape of Good Hope, June 23, 1834, under A. Smith, p. 44, 1836. Country north and south of Kurrichaine, South Africa.

Rhinoceros bicornis var. B, *Rhinoceros gordoni* Lesson, Nouv. Tableau du Règne Anim., Mamm., p. 159, 1842. Refers to account by Blainville, Journ. de Physique, p. 168, 1817.

Rhinoceros niger Schinz, Synopsis Mamm., 2: 335, 1845. Interior of South Africa, but said to be Chuntop, near Mt. Mitchell, Kuiseb district, Southwest Africa, (where it was met with by Capt. Alexander); see Shortridge, G. C., Mammals of South West Africa, 1: 412, footnote, 1934.

Rhinoceros camperi Schinz, Synopsis Mamm., 2: 335, 1845. Cape of Good Hope.

Rhinoceros bicornis holmwoodi P. L. Sclater, Proc. Zool. Soc. London, p. 517, text-f. 1, 2, Oct. 1893. Tanganyika Territory, country inland of "Udalia," at the northeast point of Usukuma, fifty miles south of Speke Gulf.

Based on horns, which, according to Trouessart, are those of White Rhino.

Rhinoceros bicornis capensis Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 4, p. 757, 1898, where the name is attributed to Camper, Acta Acad. Sci. Imp. Petropol., for 1777, pt. 2, p. 193, pl. 6–8, 1780, but does not occur in technical form. Cape of Good Hope.

Opsiceros occidentalis Zukowsky, Arch. f. Naturgesch., 88: sect. A, pt. 7, p. 162, June 1922. Kaokoveld-Kunene region, Southwest Africa.

Regarded by Shortridge (Mamm. South West Africa, 1: 412, 1934) as doubtfully distinguishable from the typical form, but if valid, presumably the same as *Rhinoceros niger* Schinz, which would thus antedate it.

Diceros bicornis somaliensis (Potocki). Somali Black Rhino

Rhinoceros brucii Lesson, Nouv. Tabl. Règne Animal, Mamm., p. 159, 1842. Said by Schwarz (Ergebn. d. Zweiten Deutsch. Zentr.-Afr.-Exped. 1910–11, 1: 870, June 1920) to be a valid name based on Blainville's "Rhinocéros d'Abissinie," from Tscherkin, between Bahr Salaam and Atbara River, northwestern Abyssinia. Hollister states that it is a nomen nudum.

Rhinoceros cucullatus Wagner, Schreber's Säugthiere, Suppl., 6: 317, pl. 317F, 1835. No locality, but perhaps East Africa; unidentifiable. "Perhaps refers to an Asiatic species" (Hollister, N., Bull. U. S. Nat. Mus., no. 99, pt. 3, p. 136, 1924).

Rhinoceros bicornis somaliensis Potocki, Sport in Somaliland, p. 82, 1900. Ogaden, Abyssinia.

Family EQUIDÆ. Horses, Zebras, Asses

See Schwarz, E. Beiträge zur Kenntnis der Zebras. Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 34–57, pl. 1–7, Oct. 1912.

Equus Linnæus

Equus Linnæus, Syst. Nat., ed. 10, 1: 73, 1758. Genotype *Equus caballus* Linnæus.

Subgenus Dolichohippus Heller

Dolichohippus Heller, Smithsonian Misc. Coll., 60: no. 8, p. 1, 2 Nov. 1912. Genotype *Equus grevyi* Oustalet.

Megacephalon Hilzheimer, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a.-M., 31: 95, 1912. As a subgenus of *Equus;* type *Equus grevyi* Oustalet. Not *Megacephalon* Gray, 1846.

Ludolphozecora Griffini, Atti Soc. Ital. Sci. Nat. e Mus. Civ. Stor. Nat., Milano, 51: 382, Mar. 1913. A subgenus of *Equus*, type *Equus grevyi* Oustalet; substitute for *Megacephalon* Hilzheimer.

Equus grevyi grevyi Oustalet. Grevy's Zebra

Equus grevyi Oustalet, La Nature (Paris), 10: 2d semestre, p. 12, 5 June 1882. Galla country, Ethiopia.

Equus faurei Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 170 (nomen nudum), 180 (brief description), 1898. Lake Rudolf region, Abyssinia.

Equus grevyi berberensis Pocock

E[quus] grevyi berberensis Pocock, Ann. Mag. Nat. Hist. (7) 10: 308, Oct. 1902. Duhri, Ogardain, British Somaliland.

Subgenus Hippotigris Hamilton Smith

Hippotigris Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 321, pl. 21–25, 1841; ed. 2, Mamm., 6: 321, pl. 21–25, 1866. Genotype *Equus zebra* Linnæus (see Sclater, W. L., Mamm. of South Africa, 1: 282, 1900).

Zebra J. A. Allen, Bull. Amer. Mus. Nat. Hist., 26: 163, 19 Mar. 1909, in legend to text-f. 7, 8. Genotype *Zebra burchelli granti* (De Winton) = *Equus burchellii böhmi* Matschie. Doubtless the use of *Zebra* as a generic name here was a lapsus calami as the other text-figures show; nevertheless its use with recognizable illustrations gives it validity.

Quagga Shortridge, Mamm. South West Africa, 1: 397, 1934. Genotype *Quagga quagga greyi* (Lydekker) = *Equus quagga* Gmelin.

Shortridge contrasts the characters of *Equus quagga* and *E. zebra*, regarding the two as generically distinct; for the former he creates the new genus *Quagga* and for the latter retains the name *Hippotigris.*

EQUUS BURCHELLII BURCHELLII (Gray). Burchell's Zebra

Asinus burchellii Gray, Zool. Journ., 1: 247, pl. 9, f. 1, 2, June 1824. Little Klibbolikhoni Fontein, South Africa.

Equus zebroides Lesson, Manuel de Mammalogie, p. 346, 1827. Interior of Cape of Good Hope.

Equus festivus Wagner, Schreber's Säugthiere, 6: 216, pl. 317B, 1835. Interior of Cape of Good Hope.

H[ippotigris] campestris Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 329, 1841; substitute for *H. burchellii*.

Range: Formerly southern Bechuanaland and Orange River Colony; now extinct. As to the specific distinction between this and *E. quagga*, see Cabrera, A., Journ. Mammalogy, 17: 91, 14 May 1936.

Review: Cabrera, A. Subspecific and individual variation in the Burchell Zebras. Journ. Mammalogy, 17: 89–112, text-f. 1–22, May 1936.

Lyon, M. W., Jr. A specimen of typical Burchell's Zebra in the United States National Museum. Proc. U. S. Nat. Mus., 32: 1–3, pl. 1–3, 1907.

EQUUS BURCHELLII ANTIQUORUM (Hamilton Smith)

Hippotigris antiquorum Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 327, pl. 22, 1841. "Probably Southwest Africa, north of the sources of the Orange River" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 23, 1916).

Equus chapmanni (sic) Layard, Proc. Zool. Soc. London, p. 417, Oct. 1865. Between Zambesi and Botletle Rivers, South Africa. "Sclater's plate must be regarded" as the type (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 24, 1916), but represents a specimen in the Zoological Gardens at London.

Equus burchelli wahlbergi Pocock, Ann. Mag. Nat. Hist. (6) 20: 44, July 1897. Kaffraria = Zululand, Natal.

Equus burchelli transvaalensis Ewart, Veterinarian (London), 70: 622, 1897. Northern Transvaal.

Equus burchelli typicus F. C. Selous, Great and Small Game of Africa, p. 79, 1899.

Equus burchelli pococki Brasil and Pennetier, Mém. Soc. Linn. de Normandie, Caën, (2) 7 = 23: 97, pl. 6, 7, 1 Oct. 1909; Actes Mus. d'Hist. Nat. Rouen 12: 31, pl. 2–4, 1909. "Doubtless some part of southern Africa . . . its claims to distinction seem doubtful" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 23, 1916).

Equus (Hippotigris) kaufmanni Matschie, Deutsche Jäger-Zeitung, 59: 120 209, text-f. 84, 1912. Caprivi Peak, between the Chobe and Zambesi Southwest Africa.

Regarded by Shortridge (Mamm. South West Africa, 1: 398, 1934) as indistinguishable from *E. b. zambeziensis* Prazak.

Hippotigris chapmani kaokensis Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 82, text-f. 4–5, July 1924. Kaoko plains, near south bank of Kunene River, Southwest Africa.

Indistinguishable from *E. quagga antiquorum* according to Shortridge (Mamm. South West Africa, 1: 398, 1934).

Range: From Benguela and Damaraland east across Bechuanaland to the Transvaal and Zululand, Natal (Cabrera).

EQUUS BURCHELLII BÖHMI Matschie. East African Zebra

Equus böhmi Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 131, 1892. Pangani River, Tanganyika Territory.

Equus burchelli crawshaii De Winton, Ann. Mag. Nat. Hist. (6) 17: 319, Apl. 1896. Henga, highlands west of Lake Nyasa, Nyasaland.

Equus burchelli granti De Winton, Ann. Mag. Nat. Hist. (6) 17: 319, Apl. 1896. "Masailand" = Thika River valley, upper Tana River, Kenya Colony (see Pocock, R. I., Ann. Mag. Nat. Hist. (6) 20: 47, July 1897).

Equus tigrinus Johnston, Brit. Central Africa, pp. 292, 296, pl., 1897.

Equus burchelli crawshayi Pocock, Ann. Mag. Nat. Hist. (6) 20: 46, July 1897. Henga, Nyasaland.

Equus burchelli zambeziensis Prazak, Wild Horses, 1: pl. 16, 1898. Barotsiland, north bank of Upper Zambesi, Northern Rhodesia.

Equus burchelli mariæ Prazak, Wild Horses, 1: pl. 13, 1898.

Hippotigris chapmanni jallæ Camerano, Atti R. Accad. Sci. Torino, 37: 619, pl., f. 6, 1902. Probably southern Abyssinia (Ethiopia).

Hippotigris muansæ Matschie, Weidwerk in Wort und Bild, p. 235, 1906. Near Mwanza, Lake Victoria, Tanganyika Territory.

E[quus] quagga, var. *goldfinchi* Ridgeway, Nature (London), 86: 245, text-f., 20 Apl. 1911. Rift Valley, Kenya Colony.

Equus quagga cuninghamei Heller, Smithsonian Misc. Coll., 61: no. 22, p. 3, 26 Jan. 1914. Archer's Post, Northern Guaso Nyiro, Kenya Colony.

Range: Southern Sudan, east of Bahr-el-Gebel, to southern Ethiopia and southwestern Somaliland, south to northern Nyasaland, northern Rhodesia, and the upper Zambesi (Cabrera).

EQUUS BURCHELLII SELOUSII Pocock. Selous's Zebra

Equus burchelli selousii Pocock, Ann. Mag. Nat. Hist. (6) 20: 45, July 1897. Manyami Valley, Mashonaland, Southern Rhodesia.

Equus (*Hippotigris*) *foai* Prazak and Trouessart, Bull. Mus. d'Hist. Nat. Paris, 5: 350, text-f. 1c, 2, 1899. Mountainous district of Angoniland, north bank of lower Zambesi, opposite Tette, Mozambique.

Status uncertain, probably a member of this group, but the hip stripes numerous.

Equus annectens W. Rothschild, Proc. Zool. Soc. London, p. 691, 10 Oct. 1906. Near Fort Jameson, northeastern Rhodesia.

Range: Lower Zambesi basin, Southern Rhodesia, and Mozambique, north to southern Nyasaland (Cabrera).

EQUUS QUAGGA Gmelin. Quagga

Equus quagga Gmelin, Linnæus's Syst. Nat., ed. 13, 1: pt. 1, p. 213, 1788. South Africa.

Equus qouagga Lesson, Manuel de Mammalogie, p. 347, 1827. Cape of Good Hope.

Equus quaccha Griffith, Cuvier's Animal Kingdom, 3: 344, 1827. "Southern parts of Africa."

Hippotigris isabellinus Hamilton Smith, Jardine's Naturalist's Library, Mamm., 12: 332, pl. 25, 1841. Probably Cape of Good Hope.

E[quus] quagga lorenzi Lydekker, Knowledge (London), 25: 221, Oct. 1902. Pocock, Ann. Mag. Nat. Hist. (7) 14: 322, Nov. 1904. No locality, but "hazarded" as Orange River Colony or Griqua West, Transvaal.

Equus quagga greyi Lydekker, Knowledge (London), 25: 221, pl., Oct. 1902. Pocock, Ann. Mag. Nat. Hist. (7) 14: 323, Nov. 1904. Cape of Good Hope.

Equus quagga danielli Pocock, Ann. Mag. Nat. Hist. (7) 14: 319, pl. 10, Nov. 1904. "Plains behind the first range of mountains beyond the Cape Peninsula" (Daniell, whose plate in "African Scenery," no. 15, 1804–08, is made the type of this race).

Equus quagga trouessarti Camerano, Atti R. Accad. Sci. Torino, 43: 565, pl., 1908. South Africa.

Equus burchelli paucistriatus Hilzheimer, Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 31: 87, pl. 6, f. 3, 5 June 1912. Locality unknown.

Based on specimen of the true Quagga (Schwarz, Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 51, 57, 1912).

Equus quagga quagga Schwarz, Arch. f. Naturgesch., 78: sect. A, pt. 7, p. 52, Oct. 1912.

Range: Formerly Cape Colony; now extinct. The last living specimen died in captivity in the London Zoological Gardens in 1872 where it had lived for five years. For an account of the known specimens preserved in museums, see:

Ridgeway, W. On hitherto unrecorded specimens of *Equus quagga*. Proc. Zool. Soc. London, p. 563–586, text-f. 156–180, 19 Oct. 1909.

Hilzheimer, Max. Die in Deutschland aufbewahrten Reste des Quaggas. Abhandl. Senckenberg. Naturf. Ges., Frankfurt a. M., 31: 83–105, pl. 4–9, 2 text-f., 5 June 1912, with bibliography.

EQUUS ZEBRA ZEBRA Linnæus. Mountain Zebra

Equus zebra Linnæus, Syst. Nat., ed. 10, 1: 74, 1758. "India, Africa," = Cape of Good Hope; doubtless the Drakensberg and other mountain ranges.

Equus montanus Burchell, Travels in Interior of South Africa, 1: 139, 265, 1822. No locality given but mentions Paardeberg as a locality where it used to be found.

Hippotigris campestris Gray, Cat. Spec. Mamm. Brit. Mus., pt. 3, Ungulata Furcipeda, p. 277, 1852 (ex Hamilton Smith MS.). Mountains of South Africa.

Equus indica Trouessart, quoting Aldrovandus, Johnston, and Edwards (Gleanings of Nat. Hist., 1: pl. 222, 1758–64, where, however, the name does not appear), Cat. Mamm. Viv. Foss., pt. 4, p. 797, 1898.

Equus zebra frederici Trouessart, Cat. Mamm. Viv. Foss., Suppl., p. 646, 1905. Northern part of Cape Colony, based on specimen figured by F. Cuvier, Hist. Nat. d. Mammifères, pl. 314, 1826.

Equus wardi Ridgeway, Proc. Zool. Soc. London, for 1909, p. 799, 18 Apl. 1910. Based on the Ward's Zebra of Ewart, described and figured in Proc. Zool. Soc. London, for 1904, 2: 181, text-f. 35, 36, 18 Apl. 1905. For discussion of the origin of the specimen see Ridgeway, Proc. Zool. Soc. London, for 1909, p. 798–799, 18 Apl. 1910.

Believed to be a menagerie hybrid between *E. zebra* and *E. burchellii chapmani*.

"Only fifty or sixty of South Africa's rarest animal, the mountain zebra, are left alive, and no funds are available for the further protection of the two small herds, according to an announcement made by Dr. E. L. Gill, director of the Cape Town Natural History Museum. A strict law for the protection of this animal was passed some time ago, but has never been strictly enforced, so that hunters have done their worst. There were 2,000 animals a few years ago, only fifty or sixty now, and this small fragment is apparently doomed."—Science, vol. 83: 6 Mar. 1936.

Equus zebra hartmannæ Matschie. Hartmann's Mountain Zebra

Equus hartmannæ Matschie, Sitzb. Ges. Naturf. Freunde, Berlin, p. 174, 1898. Between Hoanib and Unilab Rivers, 19° S., 13° E., Southwest Africa.

Shortridge (Mammals of South West Africa, 1: 389, 1934) believes this and the following to be synonyms of *E. zebra zebra*.

Equus penricei Thomas, Ann. Mag. Nat. Hist. (7) 6: 465, Nov. 1900. Providencia, Moninho valley, northeast of Mossamedes, Angola.

Hippotigris hartmannæ matschiei Zukowsky, Arch. f. Naturgesch., 90: sect. A, pt. 1, p. 90, text-f. 6, July 1924. Namib, at mouth of the Swakop, Southwest Africa.

Subgenus Asinus Gray

Asinus Gray, Zool. Journ., 1: 244, June 1824. No type designated; included the asses and zebras.

Equus asinus asinus Linnæus. Domesticated Ass

Equus asinus Linnæus, Syst. Nat., ed. 10, 1: 73, 1758. No locality, except "in Oriente."

Asinus vulgaris Gray, Zool. Journ., 1: 244, June 1824. "Tartary."

Equus asinus asinus Pocock, Ann. Mag. Nat. Hist. (8) 4: 527, Dec. 1909.

"Typified by the domestic ass of Asia" (Lydekker, R., Cat. Ungulate Mamm. Brit. Mus., 5: 37, 1916).

See Pocock, R. I. On the agriotype of domestic asses. Ann. Mag. Nat. Hist. (8) 4: 523–528, Dec. 1909; Antonius, Otto, On the geographical distribution, in former times and today, of the recent Equidae, Proc. Zool. Soc. London, 107: ser.B, p. 557-564, Jan. 1938.

EQUUS ASINUS AFRICANUS (Fitzinger). Nubian Wild Ass

Asinus africanus Fitzinger, Naturgesch. d. Säugethiere, 3: 667, 1857. Nubia. Believed to be now extinct.

EQUUS ASINUS ATLANTICUS P. Thomas. Algerian Wild Ass

Equus asinus atlanticus P. Thomas, Mém. Soc. Géol. de France, (3) 3: no. 2, p. 45, pl. 8, f. 7, 7a, 1884. Oued Sequen, Algeria.

Range: Formerly Algeria and adjacent parts of the Atlas region; now extinct in a wild state.

EQUUS ASINUS DIANÆ (Dollman)

Asinus asinus dianæ Dollman, Proc. Linn. Soc. London, for 1934–5, 147th session, p. 132, 9 May 1935. Hafta Wadi, 17° 43′ N., 37° 36′ E., Red Sea Province, south of Tokar, near Eritrea border, Anglo-Egyptian Sudan.

EQUUS ASINUS SOMALICUS P. L. Sclater. Somali Wild Ass

Equus somaliensis Noack, Zool. Garten, 25: 374, Dec. 1884; nomen nudum. Near Berbera, Somaliland.

Equus asinus somalicus P. L. Sclater, Proc. Zool. Soc. London, for 1884, p. 540, pl. 50, f. 1, Apl. 1885. Somaliland.

Equus nubianus somalicus Peel, Somaliland, p. 300, 1900. Guban, Somaliland.

EQUUS ASINUS TÆNIOPUS (Heuglin)

Asinus tæniopus Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Jena, 28: no. 10, p. 1, pl. 1, 1861. Red Sea coast.

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